STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

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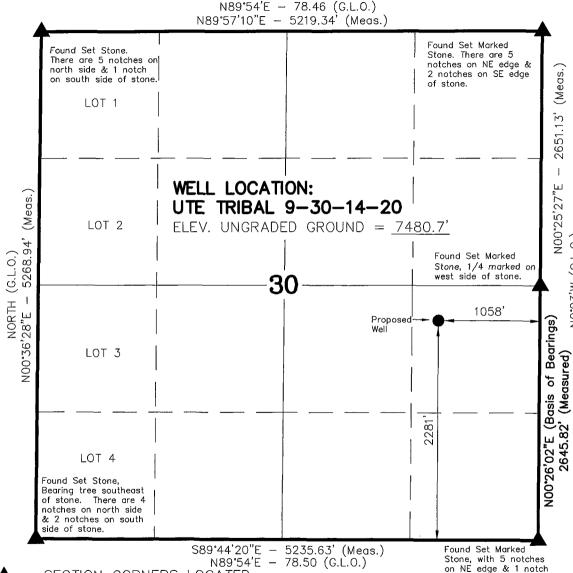
AMENDED REPORT ☐ (highlight changes)

		APPLICA [*]	TION FOR	PERMIT TO	DRILL		MINERAL LEASE NO: -019837	6. SURFACE: Indian
1A. TYPE OF WO	RK: [ORILL 🔽	REENTER [DEEPEN			IF INDIAN, ALLOTTEE OF Jte Indian Tribe	TRIBE NAME:
B. TYPE OF WE	LL: OIL	GAS 🗹	OTHER	SING	GLE ZONE MULTIPLE ZON	VE [7] 8.	UNIT OF CA AGREEMENT	NAME:
2. NAME OF OPE							WELL NAME and NUMBE	
Miller, Dyer		C			PHONE NUMBER:		Jte Tribal 9-30-1	
475 17th St	Suite 120	OITT	er st	ATE CO ZIP 802		·1	. FIELD AND POOL, OR V Flat Rock	
4. LOCATION OF	·	·	610430)	<i>C</i> 39.	569324	11	. QTR/QTR, SECTION, TO MERIDIAN:	WNSHIP, RANGE,
		. 1058 FEL	438053	94 - 11	09.714389		IESE 30 14	S 20E S
AT PROPOSED	PRODUCING Z	ONE: SAME	10000	, , , ,	79. 114387	ļ		
14. DISTANCE IN	MILES AND DIF	RECTION FROM NEA	REST TOWN OR P	OST OFFICE:		12	. COUNTY:	13. STATE:
See Topo	Мар "А" ((Attached)				1	Jintah	UTAH
15. DISTANCE TO	NEAREST PRO	PERTY OR LEASE	LINE (FEET)	16. NUMBER OF	FACRES IN LEASE:	17. NUME	ER OF ACRES ASSIGNE	TO THIS WELL:
1058					627.84			40
	NEAREST WE	LL (DRILLING, COM SE (FEET)	PLETED, OR	19. PROPOSED	DEPTH:	20. BONE	DESCRIPTION:	
610		` '		· .	12,500	RLB	0008085	
	(SHOW WHETH	IER DF, RT, GR, ET	0.):		ATE DATE WORK WILL START:		MATED DURATION:	
7481 GR				3/1/2008	3	40 D	ays —————	
24.			PROPO	SED CASING AI	ND CEMENTING PROGRAM			
SIZE OF HOLE	CASING SIZE	, GRADE, AND WEI	GHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QU	JANTITY, YIE	LD, AND SLURRY WEIGH	Т
26"	20"	Conduct	.250" Wall	40	Ready Mix to Surface			
12-1/4"	9-5/8"	J-55	36#	3,300	Class G & Prem Lite	727 sa	cks 1.17 & 3.3	8 11 & 15.8
8-3/4"	5-1/2"	N80/P110	17#	12,500	Class G & Prem Lite	1254 sa	cks 1.65 & 3.1	5 14.4-11.2-1
						_		
	<u> </u>	<u>-</u>						
25.			_	ATTA	CHMENTS	_		
VERIFY THE FOL	LOWING ARE A	TTACHED IN ACCO	RDANCE WITH THE	UTAH OIL AND GAS C	ONSERVATION GENERAL RULES:			
WELL PL	AT OR MAP PRE	EPARED BY LICENS	ED SURVEYOR OR	ENGINEER	COMPLETE DRILLING PLAN			
Z EVIDENC	E OF DIVISION	OF WATER RIGHTS	APPROVAL FOR U	SE OF WATER	FORM 5, IF OPERATOR IS PE	ERSON OR C	OMPANY OTHER THAN T	HE LEASE OWNER
						_		
NAME (PLEASE	Jeff/	ang,			TITLE Vice Presiden	nt of Ope	rations	
	7//	# (9/27/0	7		
SIGNATURE	-//// /	/			Apploved by the		RECE	VED
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API NUMBER AS	SIGNED:	43.047	39661	<u>e</u>	APPROVAL:	•	DIV. OF OIL, G	

Raderal Approval of this Action is Necessary

(11/2001)

T14S, R20E, S.L.B.&M.



M89 54 € - 78.50 (G.L.O.

■ SECTION CORNERS LOCATED

BASIS OF ELEVATION IS BENCH MARK 60 WF

1952 LOCATED IN THE SW 1/4 OF SECTION 35,

T14S, R20E, S.L.B.&M. THE ELEVATION OF

THIS BENCH MARK IS SHOWN ON THE FLAT

ROCK MESA 7.5 MIN. QUADRANGLE AS BEING

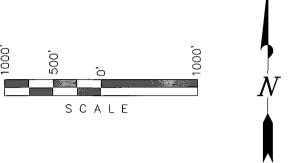
7363'.

UTE TRIBAL 9-30-14-20 (Proposed Well Head) NAD 83 Autonomous LATITUDE = 39° 34' 09.59" LONGITUDE = 109° 42' 54.26"

on SE edge of stone.

MILLER, DYER & CO. LLC

WELL LOCATION, UTE TRIBAL 9-30-14-20, LOCATED AS SHOWN IN THE NE 1/4 SE 1/4 OF SECTION 30, T14S, R20E, S.L.B.&M. UINTAH COUNTY, UTAH.



NOTES:

- 1. Well footages are measured at right angles to the Section Lines.
- 2. G.L.O. distances are shown in feet or chains. 1 chain = 66 feet.
- 3. Bearings are based on Global Positioning Satellite observations.

THIS IS TO CERTIFY THAT THE PLAT WAS PREPARED FROM FIELD NOTES OF AND TO SURVEYS MADE BY ME OR UNDER ME SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND FIGURE NO.362251

REGISTERED LAND SUBVEROR REGISTRATION NO. 73622 KK

TIMBERLINE

(435) 789-1365

ENGINEERING & LAND SURVEYING, INC.

38 WEST 100 NORTH - VERNAL, UTAH 84078

DATE SURVEYED: 08-22-07	SURVEYED BY: B.J.S.	SHEET
DATE DRAWN: 08-28-07	DRAWN BY: M.W.W.	2
SCALE: 1" = 1000'	Date Last Revised:	OF 10

DRILLING PLAN MILLER, DYER & CO. LLC

Ute Tribal #9-30-14-20 NESE Section 30 T14S-R20E

1. <u>Estimated Formation Tops</u>

Estimated Formation Tops:	$\underline{\text{MD}}$	
Green River	Surface	
Wasatch	2,204'	Oil and/or gas
		anticipated > 3,000'
Base High Resistivity	3,211'	Gas
Mesaverde	4,359'	Gas
Castlegate Sandstone	6,197'	Gas
Mancos Shale	6,481'	Gas
Dakota Sandstone	10,564'	Gas
Cedar Mountain	10,719'	Gas
Morrison	10,945'	Gas
Curtis	11,472'	Gas
Entrada Sandstone	11,551'	Gas
Carmel	11,881'	Gas
Wingate	12,030'	Gas
TD	12,500'	

2. Estimated Depth and Thickness of Zones

Tops	MD	Thickness	Anticipated Formation Contents
Wasatch	2,204		Oil and/or gas anticipated >
		1000	3,000'
Mesaverde	4,359	500	Gas
Castlegate Sandstone	6,197	300	Gas
Dakota Sandstone	10,564	150	Gas
Cedar Mountain	10,719	200	Gas
Morrison	10,945	300	Gas
Entrada Sandstone	11,551	300	Gas
Wingate	12,030	500	Gas

3. Pressure Control Equipment

Schematic attached (Attachment "A")

Blow Out Preventer (BOP) will be equipped as follows:

- A. Type: Eleven (11) inch double gate hydraulic 3,000 psi BOP plus a 3000 psi annular preventer mounted on a 3,000 psi casinghead.
 - a. One set of blind rams (above)
 - b. One set of pipe rams (below)
 - c. Appropriate fill, kill and choke lines will be 3,000 psi working pressure

Note: The calculation of maximum anticipated surface pressure is detailed in Section 7. This calculation is based on the maximum anticipated bottom-hole pressure and a partially evacuated hole. According to this calculation, a 3000 psi BOP and annular preventer will be sufficient to drill this well safely. However, depending on the actual rig contracted for this well, a 5000 psi system may come with the rig. If so, all testing will be done to 5000 psi specifications.

B. Auxiliary Equipment:

Auxiliary equipment to include upper Kelly cock with a handle, a floor safety valve with subs to fit all drill string connections in use, and a string float valve.

- C. Pressure Rating: 3,000 psi WP
- D. Testing Procedure:

Hydraulic Ram-Type BOP

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack of 3,000 psi. This pressure will be maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

- 1) when the BOP is initially installed,
- 2) whenever any seal subject to test pressure is broken,
- 3) following related repairs, and
- 4) at thirty (30) day intervals.

In addition to the above, the pipe and blind rams will be activated each trip, but no more than once each day.

E. Choke Manifold Equipment:

All choke lines will be straight lines; turns will use tee blocks, or targeted running tees, and will be anchored to prevent whip and vibration. The manifold will have two (2) manual chokes and a pressure gauge.

F. Accumulator:

The accumulator will have sufficient capacity to open the hydraulically controlled choke line valve, if so equipped, close all rams plus the annular BOP, and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps. The fluid reservoir capacity will be double the usable fluid volume of the accumulator system capacity, and the fluid level of the reservoir will be maintained to the manufacturer's recommendations.

G. Miscellaneous Information:

The choke manifold and BOP ram extensions rods with hand wheels will be located outside the rig substructure. The hydraulic BOP closing unit will be located at least 25 feet from the well head, but readily accessible to the driller. Exact location and configuration of the hydraulic BOP closing unit will depend on the layout of the particular rig contracted to drill this well.

A flare line will be installed from the choke manifold to a flare pit, extending a minimum of 100 feet from the center of the drill hole.

The BOP and related pressure control equipment will be installed, tested and maintained in compliance with the specifications and requirements of the Onshore Oil and Gas Order Number 2.

Auxiliary Equipment

- a. Kelly cock Yes
- b. Float sub at bit No
- c. Mud logger & instrumentation Yes
- d. Full-opening safety valve on rig floor Yes
- e. Rotating head No

4. Casing Program

	Setting Depth	Hole Size	Casing O.D.	Grade	Weight/Ft.	Thread
Conductor	40'	26"	20"	Conductor	0.250" wall	
Surface	3,300'	12-1/4"	9-5/8"	J-55	36#	STC
Production	0'-1,200'	8-3/4"	5-1/2"	N-80	17#	Buttress
	1,200'- 11,000'	8-3/4"	5-1/2"	N-80	17#	LTC
	11,000'- 12,500'	8-3/4"	5-1/2"	P-110	17#	LTC

 Subject to review on the basis of actual conditions encountered. Production casing depth will be adjusted based on results.

- Depending on availability, 17#, P-110, LT&C may be substituted for the 17#, N-80, Buttress casing at the top of the production string.
- Casing design runs are shown for each casing string. See Attachment "B"

5. Cement Program

Conductor Casing: 0'-40'

Ready Mix to surface

Surface Casing: 0' - 3300'

Lead Cement:

0'-2800'

11.0 ppg Premium Lite II cement

10% bwoc Bentonite

0.5% bwoc Sodium Metasilicate

5 #/sk Kol Seal

0.25 #/sk Cello Flake

3% bwow Potassium Chloride

Cement yield = 3.38 ft3/sk w/ 20.5 gal/sk water

Annular volume (in open hole) = $2760^{\circ} * 0.3132 \text{ ft} 3/\text{ft} = 864.4 \text{ ft} 3$

Excess = 50%

Total volume (open hole) w/ excess = 864.4 ft 3 * 1.50 = 1296.6 ft 3

Annular volume (in conductor) = $40^{\circ} * 1.5687 \text{ ft} 3/\text{ft} = 62.7 \text{ ft} 3$

Excess = 0%

Total volume (open hole & conductor) = 1359 ft3

Lead Cement Requirement = 1359 ft 3 / 3.38 ft 3/sk = 403 sks

Tail Cement:

2800'-3300' plus shoe joint

15.8 ppg Class G

2% bwoc Calcium Chloride

0.25 #/sk Cello Flake

Cement yield = 1.17 ft3/sk w/ 5 gal/sk water

Annular volume (in open hole) = 500' * 0.3132 ft3/ft = 156.6 ft3

Excess = 50%

Total volume (open hole) w/ excess = 156.6 ft 3 * 1.50 = 234.9 ft 3

Shoe volume = $40^{\circ} * 0.4341 \text{ ft}3/\text{ft} = 17.4 \text{ ft}3$

Excess (shoe) = 0%

Total volume (open hole & shoe) = 234.9 + 17.4 = 252 ft3

Tail Cement Requirement = 252 ft 3 / 1.17 ft 3/sk = 217 sks

Displacement Volume:

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3260' * 0.0773 \text{ bbl/ft} = 252 \text{ bbls}
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Top Out Cement:

0-200' (displaced down backside w/ 1" string)

15.8 ppg Class G

2% bwoc Calcium Chloride

0.25 #/sk Cello Flake

Cement yield = 1.17 ft3/sk w/ 5 gal/sk water

Annular volume = $200^{\circ} * 0.3132 \text{ ft} 3/\text{ft} = 62.6 \text{ ft} 3$

Excess = 100%

Total volume w/ excess = 62.6 ft 3 * 2.0 = 125.2 ft 3

Top Out Cement Requirement = 125.2 ft3 / 1.17 ft3/sk = 107 sks

Production Casing: 0'-12,500' (DV Tool @ 10,000')

Stage 1

Cement:

10,000'-12,500'

14.4 ppg 50:50 Poz (Fly Ash): Class G Cement (or equivalent)

0.05 #/sk Static Free

0.2% bwoc R-3

3% bwow Potassium Chloride

0.25 #/sk Cello Flake

0.9% bwoc FL-25

1 gal / 100 sk FP-6L

35% bwoc Silica Flour

0.2% bwoc BA-59

0.2% bwoc Bentonite

Cement yield = 1.65 ft3/sk w/7.12 gal/sk water

Annular volume = 2500' * 0.2526 ft³/ft = 631.5 ft³

Excess = 25%

Total volume w/ excess = 631.5 ft 3 * 1.25 = 789.4 ft 3

Shoe volume = $40^{\circ} * 0.1305 \text{ ft} 3/\text{ft} = 5.2 \text{ ft} 3$

Excess (shoe) = 0%

Total volume w/ excess (incl. shoe) = 789.4 + 5.2 = 794 ft3

Stage 1 Cement Requirement = 794 ft 3 / 1.65 ft 3/sk = 480 sks

Displacement Volume:

$$(12,500'-40') * 0.0232 \text{ bbl/ft} = 289.0 \text{ bbls}$$

Stage 2 (DV tool to 500' inside surface casing)

Lead Cement:

2,800'-9,593'

11.2 ppg Premium Lite II cement (or equivalent)

3 #/sk CSE

0.3% bwoc R-3

3% bwow Potassium Chloride

10% bwoc Bentonite

0.2% bwoc Sodium Metasilicate

Cement yield = 3.15 ft3/sk w/ 19 gal/sk water

Volume inside surface casing = $500^{\circ} * 0.2691 \text{ ft} 3/\text{ft} = 134.5 \text{ ft} 3$

Excess = 0%

Annular volume = 6293' * 0.2526 ft3/ft = 1589.6 ft3

Excess = 25%

Annular volume w/ excess = 1589.6 ft3 * 1.25 = 1987.0 ft3

Total volume = 134.5 + 1987.0 = 2121.5 ft3

Lead Cement Requirement = 2121.5 ft3 / 3.15 ft3/sk = 674 sks

Tail Cement:

9,593' - 10,000'

14.2 ppg 50:50 Poz (Fly Ash): Class G Cement (or equivalent)

0.05% bwoc Static Free

0.1% bwoc R-3

3% bwow Potassium Chloride

0.9% bwoc FL-25

1 gal / 100 sk FP-6L

2% bwoc Bentonite

0.2% bwoc Sodium Metasilicate

0.2% bwoc BA-59

Cement yield = 1.29 ft3/sk w/ 5.8 gal/sk water

Annular volume = 407' * 0.2526 ft 3/ft = 102.8 ft 3

Excess = 25%

Annular volume w/ excess = 102.8 ft 3 * 1.25 = 128.5 ft 3

Tail Cement Requirement = 100 sks

Displacement Volume:

10,000' * 0.0232 bbl/ft = 232 bbls

A detailed cement program is included. See Attachment "C"

6. <u>Mud Program</u> (visual monitoring)

Interval	Mud Type	Weight	Viscosity	Fluid Loss
0'-	Water/Gel/Lime/Native	8.3-8.6 ppg	33-36 sec/qt	N/C
2,400'	Clays			
2,400'-	KCl/Polymer or	9.0-9.3 ppg	38-42 sec/qt	8-10cc
12,500'	DAP/Polymer			

Sufficient mud materials to maintain mud properties, control lost circulation, contain a "gas" kick, and rebuild an active mud system will be available on location during drilling operations.

7. Testing, Logging, Coring

- a. Drill stem tests non anticipated
- b. Electric logs DIL/SP/GR, FDC/CNL/CAL/PE/GR, BHC sonic/GR all from TD to surface
- c. Coring possible sidewall coring in the Dakota, Cedar Mountain, Morrison and Entrada.

8. <u>Anticipated Bottom Hole Pressure and Temperature, and other Potential Hazards</u>

A. Bottom Hole Pressure:

Maximum anticipated bottom hole pressure is 4,375 psi (calculated at 0.35 psi/ft. at the 12,500' (TVD) level of the Wingate). This pressure gradient was calculated from a bottom hole pressure buildup tests conducted on four separate wells located in Section 29, T14S-R20E. These wells are the closest wells to the subject well completed in the same deep zones. Therefore the maximum anticipated surface pressure is 1,625 psi (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft.).

B. Bottom Hole Temperature:

The bottom hole temperature anticipated in this wellbore is approximately 230 degrees Fahrenheit at 12,500' TVD. This anticipated temperature is consistent with the temperatures encountered in the other four deep wells drilled in this area.

C. Abnormal Pressures or Temperatures:

As demonstrated above, no abnormal pressures or temperatures are anticipated in this well.

D. Potential Hazards:

No hydrogen sulfide (H_2S) gas or other potential hazards have been encountered or are known to exist in any well drilled to similar depths in the general area.

9. Anticipated Starting Date and Duration

Spud Date: Upon governmental approval and drilling rig availability

Duration of Operations:

- 1) Drilling: Approximately 40 days.
- 2) Completion: Approximately 30 days

Drilling Notification:

Prior to location construction, moving in the drilling rig and spudding the well, the Vernal field office of the BLM will be notified of our intentions to commence operations, unless otherwise instructed in the site specific conditions of approval.

SURFACE USE PLAN MILLER, DYER & CO. LLC

Ute Tribal #9-30-14-20 NESE Section 30 T14S-R20E

1. Existing Roads:

- a. Topographic Map "A" shows the vicinity of the well, including a portion of the Agency Draw Road. This road is reached from Ouray, Utah, by following the Seep Ridge Road south to Buck Canyon; taking the Buck Canyon road west to the Willow Creek Road; then north on the Willow Creek Road to Santio Crossing, which is at the junction of the Willow Creek Road and the Agency Draw Road.
- b. Topographic Map "B" shows the point approximately 53 miles south of Ouray where the access road to the well departs from the Agency Draw Road continue 1.2 miles north on the Flat Rock Mesa Road. Beyond this point the access road consists of 0.05 mile of new lease road leading to the Ute Tribal #9-30-14-20 location.
- 2. Planned Access Road: (refer to Topographic Map "D")
 - a. Length of new road route will be approximately 0.05 mile.
 - b. The right-of-way width is 55' (27.5' on either side of the centerline) with a 20-foot wide running surface.
 - c. Maximum grade will be less than 2%
 - d. No turn-outs are planned.
 - e. The new road will be crowned, ditched and dipped to provide adequate drainage.
 - f. Culverts will be used if necessary.
 - g. No gates are cattle guards will be needed. Nor will any existing facilities be modified.
 - h. The proposed road was flagged when the location was staked.
 - i. The authorized officer will be contacted at least 24 hours in advance of commencement of construction of the access road and well pad.

3. Location of Existing Wells:

- a. The nearest producing well is the Ute Tribal #30-3A, located approximately 610' east of the proposed well location in Section 30-T14S-R20E.
- 4. Location of Existing and/or Proposed Facilities:
 - a. There are no existing facilities on the proposed well pad. All proposed facilities will be contained within the proposed location site (see attached "Location Layout"). Topographic Map "D" shows the proposed route for a gas line, to be co-located in the access road right-of-way, and connected to the Miller, Dyer & Co. LLC gathering system.

b. The operator will submit information concerning proposed on and off well pad facilities once production has been established by applying for approval of subsequent operations.

5. Location and Type of Water Supply:

- a. Miller, Dyer & Co. existing water supply well the Ute Tribal 30-4A, located in the NENW Section 30-T14S-R20E on Indian surface has been approved by the Ute Indian Tribe. The existing BIA water permit number for the well is #14-20-H62-5069.
- b. Some produced water from existing wells may be used for drilling. Fresh water may also be taken at a point of diversion at Santio Crossing from Willow Creek in the SESE Section 29-T12S-R21E, SLB&M, if available during the drought. This water will be taken under the terms of the Ute Oilfield Water Service's state filing.
- c. Water will be transported by truck on the Agency Draw and Flat Rock Mesa roads.

6. Source of Construction Materials:

- a. It is anticipated that any construction materials will be needed for the drilling phase of this project. Gravel, shale or road base materials needed to upgrade access roads and well pad will be obtained from the operator's pit located on SITLA land near Chimney Rock.
- b. The entire well site and all access roads to be upgraded for built are located on lands held in trust by the federal government for the Ute Indian Tribe.
- c. All construction materials used in building the well pad and access road will be native materials accumulated during construction. In the event that additional materials are needed, they will be obtained from the operator's existing pit on SILTA land or from private sources.

7. Methods for Handling Waste Disposal:

- a. Methods and locations for safe containment and disposal of the following materials:
 - 1. Drill cuttings will be buried in the reserve pit.
 - 2. Garbage and trash will be contained in trash baskets and hauled to a sanitary landfill. There will be no burning of trash on the location at any time.
 - 3. Salts will be kept in proper containers and salvaged for future use or disposed of at an approved facility.
 - 4. Chemicals will be kept in proper containers and salvaged for future use or disposed of at an approved facility.
 - 5. Sewage waste will be contained in portable chemical toilets serviced by a commercial sanitary service.
- b. Drilling fluids will be contained in the reserve pit and mud tanks. To the extent possible, drilling fluids and water will be saved for use at future drilling locations. Unusable drilling fluids and water will be disposed of in an approved manner upon the completion of the well.

c. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater that 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, of this well. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

d. Reserve pit and waste water disposal:

- 1. The reserve pit will be constructed so as not to lead, break, or allow the discharge of fluids.
- 2. The reserve pit will be lined with 12 mil plastic nylon reinforced liner installed over sufficient bedding material to cover any exposed rocks. The pit will be fenced on three sides with 39" net wire, topped with a minimum of one strand of barbed wire. All wire will be stretched prior to attachment to the corner posts. The fourth side will be fenced when drilling activities are completed to allow drying.
- 3. The closure of the reserve pit will follow the Guidance for Reserve Pit Closure as found in the Environmental Handbook of the State of Utah, Division of Oil, Gas & Mining.
 - a) The reserve pit will be closed within one year following drilling and completion of a well (R649-16.3).
 - b) Liquid in a pit will be allowed to either evaporate or be removed. If removed, it will be disposed of properly, some options are injection (in this well or another), hauled to a permitted disposal facility, or re-used at another well.
 - c) The pit liner may be cut off above the cuttings/mud level and hauled to a landfill, or folded in and processed along with other pit contents and covered. No remnants of liner material will be exposed at the surface when pit closure is complete. Pit area will be mounded so as not to allow ponding of water and drainage diverted around as not to allow erosion of the old pit site.
- 4. A closed drilling system will not be used as there is no irrigable land, floodplains, or lands under crop production.
- 5. In accordance with Onshore Order No. 7, a permanent disposal method and location will be applied for within 90 days of establishing production.
- 6. After first production:
 - a) Produced waste water will be confined to the reserve pit, or a storage tank for a period not to exceed 90 days.
 - b) During the 90 day period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location, along with the required water analysis will be submitted to the authorized officer.

c) No produced water will be used for dust or weed control of any kind. Should spills of oil, produced water, or hazardous materials occur, the area of the spill will be re-mediated and contaminated soil and recovered oil or hazardous materials will be hauled to an approved disposal facility.

8. Ancillary Facilities:

a. No airstrips will be built. Mobile living quarters and office facilities for supervisors, geologists, mud engineers, mud loggers and air compressor personnel will be confined to the drilling location as shown on the "Location Layout" diagram. The drilling crew will be housed on location.

9. Well Site Layout:

- a. Refer to attached "Typical Cross Section" diagram for cuts and fills and relation to topography.
- b. Refer to "Location Layout" diagram for location of mud tanks, reserve and flare pits, pipe racks, living facilities and top soil stockpiles.
- c. Refer to "Location Layout" diagram for rig orientation, access road and parking area. Parking area will be in the northeast corner of the location.

10. Plans for Restoration of the Surface:

- a. Producing well location
 - 1. Immediately upon well completion the location and surrounding area will be cleared of all tubing, equipment, debris, materials, trash and junk not required for production.
 - 2. Immediately upon well completion any hydrocarbons on the reserve pit will be removed and disposed of properly.
 - 3. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days of the date of well completion, or as soon thereafter as is practical. Before any dirt work takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc removed. The liner will be perforated and torn prior to backfilling.
 - 4. Access roads will be graded and maintained to prevent erosion and accommodate year-round traffic.
 - 5. All disturbed areas not needed for operations will be seeded with the mixture required by the BIA in the manner specified by the BIA.

b. Dry Hole/Abandoned Location

1. At such time as it is determined that the well is to be plugged and abandoned, the operator will submit a subsequent report of abandonment to the BLM and the BIA. The BLM will attach plugging conditions of approval, and the BIA will attach conditions of approval for the restoration of the surface.

11. Surface Ownership:

a. Access roads and location are held in trust for the Ute Indian Tribe by the Unites States. The operator has obtained a right-of-way with the BIA and submitted payment for damages as specified in its Exploration and Development Agreement with the Ute Indian Tribe.

12. Additional Information:

- a. The operator will inform all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and will inform the assigned monitor and the authorized officer (AO) at the BIA. Within five working days the AO will inform the operator as to:
 - 1. Whether the materials appear to be eligible for the National Register of Historic Places;
 - 2. The mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
 - 3. A time frame for the AO to complete an expedited review under 36 CFR 900.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.
- b. If the operator wishes at any time to relocate activities to avoid the cost of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will be allowed to resume construction.
- c. At the request of the Ute Indian Tribe, a 30'-wide fire break will be bladed around the perimeter of the location.

Bonding:

Please be advised that Miller, Dyer & Co. LLC is considered to be the operator of the Ute Tribal #9-30-14-20 well; NESE of Section 30, T14S-R20E Uintah County, Utah; and all producing zones; and is responsible for the operations conducted upon the leased lands. Bond coverage is provided by Certificate of Deposit #UTB000058.

Operator's Certification:

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my

knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operation conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

Executed this 27 th day of SEPTEMBEE, 2007.

Jeffrey H. Lang
Vice President of Operations
Miller, Dyer & Co. LLC
475 17th Street, Suite 1200
Denver, CO 80202

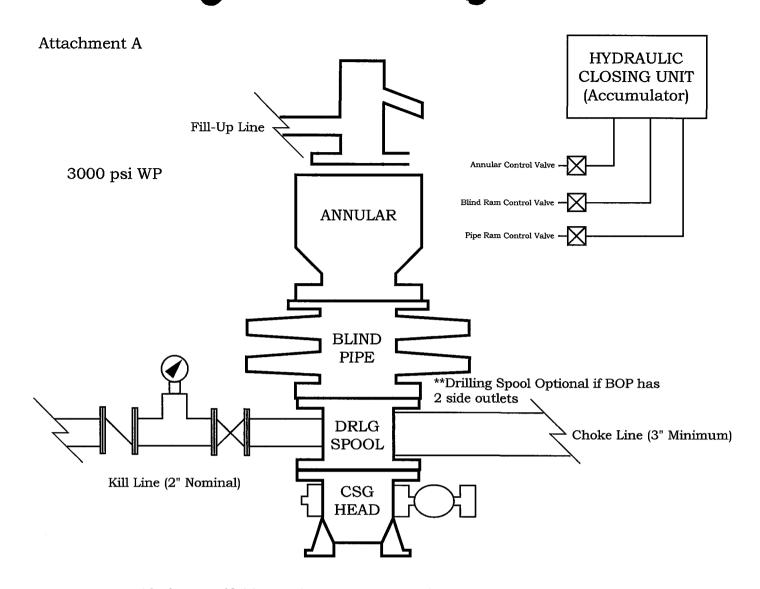
Office: 303 292 0949 Ext 102

FAX: 303 292 3901 Cell: 303 503 3730

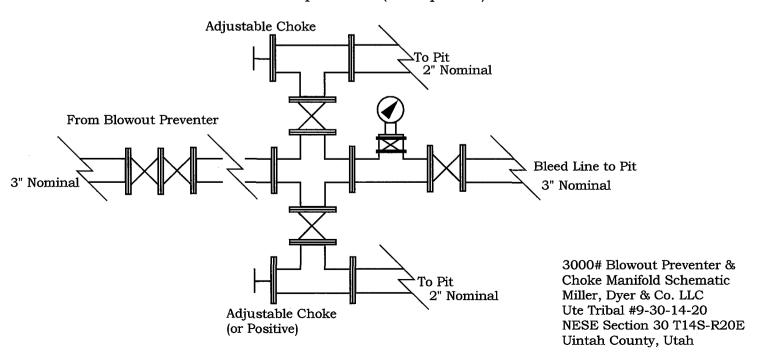
Email: jeff@millerdyer.com

Vice President of Operations

The Onsite Inspection for this well will be conducted after the APD has been submitted to the BLM as per the new requirements of Onshore Order #1 dated March 7, 2007.



Choke Manifold Requirement (3000 psi WP)





IMPORTANT This information should be checked by the engineer responsible for the design to insure its accuracy. U. S. Steel makes no express or implied warranty of any kind in respect either to the information furnished or the materials referred to or as to the suitability thereof for any particular application, use or purpose, and expressly disclaims any and all such warranties. Anyone making use of this information does so at their own risk and assumes full responsibility as to its suitability for the use intended and any and all liability resulting from such use.

Date: 09-26-2007 16:42

U. S. STEEL GENERATED CHECK STRING DESIGN

CASING COMBINATION DESIGN NO C01560 SUBMITTED BY Jeff Lang **CUSTOMER** Miller, Dyer & Co. LLC **OUTSIDE DIAMETER** 9.625 **MUD WEIGHT** 9.300 **SOUR SERVICE** NO

ITEM NUMBER	LENGTH FEET	ZONE FEET	WEIGHT LB/FT	GRADE	JOINT TYPE	SECTION WEIGHT LB	TOTAL WEIGHT LB
1	3300	0-3300	36		SHORT ROUND	118800	118800

********* SAFETY-FACTORS ************										
ITEM NUMBER	The state of the s		ULTIMATE	INTERNAL YIELD PRESSURE	LEAK RESISTANCE					
TARGET	1.125	1.250	1.800	1.000	1.000					
1	1.268	3.757	3.313	2.208	5.309					

Note: Safety Factors for Internal Yield Pressure (Pipe or joint) and Leak Resistance are based on an Internal Pressure of 1594 PSL

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Date: 09-26-2007 16:34

U. S. STEEL GENERATED CHECK STRING DESIGN

CASING COMBINATION DESIGN NO

SUBMITTED BY

CUSTOMER

Miller, Dyer & Co. LLC

OUTSIDE DIAMETER

MUD WEIGHT

SOUR SERVICE

OUTSIDE DIAMETER

NO

ITEM NUMBER	LENGTH FEET	ZONE FEET	WEIGHT LB/FT	GRADE	JOINT TYPE	SECTION WEIGHT LB	TOTAL WEIGHT LB
1	1200	0-1200	17	N-80	BUTTRESS	20400	212500
2	9800	1200- 11000	1 /	N-80	LONG ROUND	166600	192100
3	1500	11000- 12500	1 1 /	P- 110	LONG ROUND	25500	25500

*	********** SAFETY - FACTORS ************										
ITEM NUMBER	PRESSURE YIELD		PRESSURE YIELD ULTIMATE		LEAK DESISTANCE						
TARGET	1.125	1.250	1.800	1.000	1.000						
1	8.287	1.868	2.099	1.282	2.666						
2	1.158	1.561	1.809	→ 1.282	2.181						
3	1.239	16.165	17.450	1.762	2.181						

Note: Safety Factors for Internal Yield Pressure (Pipe or joint) and Leak Resistance are based on an Internal Pressure of 6038 PSI.

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Date: 09-26-2007 16:35

U. S. STEEL GENERATED CHECK STRING DESIGN

CASING COMBINATION DESIGN NO

SUBMITTED BY

CUSTOMER

Miller, Dyer & Co. LLC

OUTSIDE DIAMETER

MUD WEIGHT

SOUR SERVICE

NO

ITEM NUMBER	LENGTH FEET	ZONE FEET	WEIGHT LB/FT	GRADE	JOINT TYPE	SECTION WEIGHT LB	TOTAL WEIGHT
1	1200	0-1200	17	P- 110	LONG ROUND	20400	212500
2	9800	1200- 11000	1 1 /	N-80	LONG ROUND	166600	192100
3	1500	11000- 12500	1 1 1	P- 110	LONG ROUND	25500	25500

	*****	*SAFETY-	FACTORS *****	*****	***
ITEM NUMBER	EXTERNAL PRESSURE COLLAPSE	TENSION YIELD STRENGTH	ULTIMATE	INTERNAL YIELD PRESSURE	LEAK RESISTANCE
TARGET	1.125	1.250	1.800	1.000	1.000
1	11.277	1.940	2.094	1.762	2.181
2	1.158	1.561	1.809	1.282	2.181
3	1.239	16.165	17.450	1.762	2.181,

Note: Safety Factors for Internal Yield Pressure (Pipe or joint) and Leak Resistance are based on an Internal Pressure of 6038 PSI.

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Miller, Dyer & Co.,LLC Flat Rock Generic

ATTACHMENT C

Uintah County, Utah September 25, 2007

Well Proposal

Prepared for:

Jeff Lang

Miller, Dyer & Co.,LLC

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Prepared by:

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Mobile:

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Well Name:

Operator Name: Miller, Dyer & Flat Rock Generic

Job Description: Surface: 9 5/8" CSG x 12.25" O.H. x 3300' MD

Date:

September 25, 2007



Proposal No: 179969767A

JOB AT A GLANCE

Depth (TVD)

3,300 ft

Depth (MD)

3,300 ft

Hole Size

12.25 in

Casing Size/Weight:

9 5/8 in, 36 lbs/ft

Pump Via

9 5/8" O.D. (8.921" .I.D) 36

Total Mix Water Required

9,357 gals

Pre-Flush

Water

40 bbls

Density

8.4 ppg

Lead Slurry

Premium Lite II Cement

403 sacks

Density

11.0 ppg

Yield

3.38 cf/sack

Tail Slurry

Class G + Additives

217 sacks

Density

15.8 ppg

Yield

1.17 cf/sack

Displacement

Water

252 bbls

Density

8.4 ppg

Operator Name: Miller, Dyer

Well Name:

Flat Rock Generic

Job Description: Surface: 9 5/8" CSG x 12.25" O.H. x 3300' MD

Date: **September 25, 2007**

Proposal No: 179969767A

WELL DATA

ANNULAR GEOMETRY

ANNULAR I.D.	DEPTH(ft)		
(in)	MEASURED	TRUE VERTICAL	
19.500 CASING	40	40	
12.250 HOLE	3,300	3,300	

SUSPENDED PIPES

DIAMETE	R (in)	WEIGHT	DEF	PTH(ft)
O.D.	I.D.	(lbs/ft)	MEASURED	TRUE VERTICAL
9.625	8.921	36	3,300	3,300

Float Collar set @ 3,260 ft **Mud Density** 8.50 ppg **Mud Type** Water Based Est. Static Temp. 120 ° F Est. Circ. Temp. 97 ° F

VOLUME CALCULATIONS

40 ft	х	1.5687 cf/ft	with	0 % excess	=	62.7 cf
2,760 ft	х	0.3132 cf/ft	with	50 % excess	=	1296.6 cf
500 ft	x	0.3132 cf/ft	with	50 % excess	=	234.9 cf
40 ft	х	0.4341 cf/ft	with	0 % excess	=	17.4 cf (inside nine)

TOTAL SLURRY VOLUME = 1611.6 cf

287 bbls

VERIFY TUBULAR CONFIGURATION, PROCEDURE, AND PROPER DISPACEMENT DEPTH WITH CUSTOMER REPRESENTATIVE PRIOR TO PUMPING.

BHST has been estimated from 1.2 deg/100 ft gradient with an 80 degree ambient rock temperature. The BHCT has been calculated using API standards.

Gr4115

Operator Name: Miller, Dyer Well Name:

Flat Rock Generic

Job Description: Surface: 9 5/8" CSG x 12.25" O.H. x 3300' MD

Date:

September 25, 2007



Proposal No: 179969767A

FLUID SPECIFICATIONS

Pre-Flush

40.0 bbls Water @ 8.4 ppg

FLUID	VOLUME CU-FT		CTOF	_	AMOUNT AND	TYPE OF CEMENT	
Lead Slurry	1359	1	3.3	=	Potassium Chlo lbs/sack Kol Sea	nium Lite II Cement + 3% bwow ride + 0.25 lbs/sack Cello Flake + al + 10% bwoc Bentonite + 0.5% letasilicate + 196.8% Fresh Water	
Tail Slurry	252	1	1.1	=		s G Cement + 2% bwoc Calcium lbs/sack Cello Flake + 44.3%	
Displacement			252	.01	bbls Water @ 8.4	4 ppg	
CEMENT PROPERTI	ES						
					SLURRY NO. 1	SLURRY NO. 2	
Slurry Weight (ppg)					11.00	15.80	
Slurry Yield (cf/sack)					3.38	1.17	
Amount of Mix Water (gps)				20.53	5.00	
Estimated Pumping Tin	ne - 70 BC (HH:	MM)		5:00	2:00	
COMPRESSIVE STRE	ENGTH						
24 hrs @ 95 ° F (p	si)				400	3500	

THICKENING TEST TIMES ARE ESTIMATES. SLURRIES ARE SUBJECT TO CHANGE BASED ON TEST RESULTS FROM THE REGION LABORATORY.

SLURRY VOLUMES ARE ESTIMATED AND ARE SUBJECT TO CUSTOMER VERIFICATION.

PLEASE DOCUMENT HOW LONG WELL HAS BEEN CIRCULATED PRIOR TO CEMENTING AND INCLUDE ANY OTHER IMPORTANT ISSUES ON THE CEMENT REPORT.

Operator Name: Miller, Dyer Well Name:

Flat Rock Generic Job Description: 2 STG L/S: 5 1/2" CSG x 8.75" O.H. x 12,400'

Date:

September 25, 2007

Proposal No: 179969767A

JOB AT A GLANCE

Depth (TVD)

12,500 ft

Depth (MD)

12,500 ft

Hole Size

8.75 in

Casing Size/Weight:

5 1/2 in, 17 lbs/ft

Pump Via

5 1/2" O.D. (4.892" .I.D) 17

Total Mix Water Required

16,908 gals

Stage No: 1

Float Collar set @

12,460 ft

Spacer

2% KCI Water

20 bbls

Density

8.4 ppg

Mud Wash

Mud Clean I

1,000 gals

Density

8.4 ppg

Spacer

2% KCI Water

20 bbls

Density

8.4 ppg

1st Tail Slurry

50:50:2 (Poz:G:Gel) + Add's

480 sacks

Density

14.4 ppg

Yield

1.65 cf/sack

Displacement

Drilling Mud

290 bbls

Density

9.5 ppg

Operator Name: Miller, Dyer &

Well Name: Flat Rock Generic

Job Description: 2 STG L/S: 5 1/2" CSG x 8.75" O.H. x 12,400' Date:

September 25, 2007

Proposal No: 179969767A

JOB AT A GLANCE (Continued)

Stage No: 2	Stage Collar set @	10,000 ft
Pre-Flush		
2% KCI Water	2	0 bbls
Density	8.	4 ppg
Mud Wash		
Mud Clean I	1,00	0 gals
Density	8.	4 ppg
Spacer		
2% KCI Water	2	0 bbls
Density	8.	4 ppg
2nd Lead Slurry		
Premium Lite II + Add's	67	4 sacks
Density	11.	2 ppg
Yield	3.1	5 cf/sack
2nd Tail Slurry		
50:50:2 (Poz:G:Gel) + Add's	10	0 sacks
Density	14.	2 ppg
Yield	1.2	9 cf/sack
Displacement		
2% KCl Water	23	2 bbls
Density	8.	4 ppg

Operator Name: Miller, Dyer & Well Name:

Flat Rock Generic

Job Description: 2 STG L/S: 5 1/2" CSG x 8.75" O.H. x 12,400'

Date:

September 25, 2007



Proposal No: 179969767A

WELL DATA

ANNULAR GEOMETRY

ANNULAR I.D.	DEF	PTH(ft)
(in)	MEASURED	TRUE VERTICAL
8.921 CASING	3,300	3,300
8.750 HOLE	12,500	12,500

SUSPENDED PIPES

DIAMETI	ER (in)	WEIGHT	DEP	ΓH(ft)
O.D.	I.D.	(lbs/ft)	MEASURED	TRUE VERTICAL
5.500	4.892	17	12,500	12,500

STAGE: 1

Float Collar set @

12,460 ft

Mud Density

9.50 ppg

Mud Type

Water Based

Est. Static Temp.

236 ° F

Est. Circ. Temp.

184 ° F

VOLUME CALCULATIONS

2,500 ft 0.2526 cf/ft Х

with

25 % excess

787.0 cf

40 ft

Х 0.1305 cf/ft with

0 % excess

5.2 cf (inside pipe)

TOTAL SLURRY VOLUME =

792.2 cf 141 bbls

STAGE: 2

Stage Collar set @

10,000 ft

=

Mud Density

9.50 ppg

Est. Static Temp.

205 ° F

Est. Circ. Temp.

155°F

VOLUME CALCULATIONS

500 ft	х	0.2691 cf/ft	with	0 % excess	=	134.5 cf
6,293 ft	X	0.2526 cf/ft	with	25 % excess	=	1986.9 cf
407 ft	Х	0.2526 cf/ft	with	25 % excess	=	128.6 cf

TOTAL SLURRY VOLUME =

2250.0 cf 401 bbls Operator Name: Miller, Dyer & ...,LLC
Well Name: Flat Rock Generic

Job Description: 2 STG L/S: 5 1/2" CSG x 8.75" O.H. x 12,400'

Date:

September 25, 2007



Proposal No: 179969767A

WELL DATA (Continued)

VERIFY TUBULAR CONFIGURATION, PROCEDURE, AND PROPER DISPACEMENT DEPTH WITH CUSTOMER REPRESENTATIVE PRIOR TO PUMPING.

BHST has been estimated from 1.25 deg/100 ft gradient with an 80 degree ambient rock temperature. The BHCT has been calculated using API standards. PLEASE CONFIRM ACTUAL BHST TO ENSURE ACCURATE CEMENT TESTING IS PERFORMED.

Operator Name: Well Name:

Miller, Dyer & Flat Rock Generic

Job Description: 2 STG L/S: 5 1/2" CSG x 8.75" O.H. x 12,400'

Date:

September 25, 2007



Proposal No: 179969767A

FLUID SPECIFICATIONS

STAGE NO.: 1

Spacer

20.0 bbls 2% KCl Water @ 8.43 ppg

Mud Wash

1,000.0 gals Mud Clean I @ 8.4 ppg

Spacer

20.0 bbls 2% KCI Water @ 8.43 ppg

VOLUME VOLUME

FLUID

FACTOR CU-FT

AMOUNT AND TYPE OF CEMENT

1st Tail Slurry

792 1 1.6 = 480 sacks (50:50) Poz (Fly Ash):Class G Cement + 0.05 lbs/sack Static Free + 0.2% bwoc R-3 + 3% bwow Potassium Chloride + 0.25 lbs/sack Cello Flake + 0.9% bwoc FL-25 + 1 gals/100 sack FP-6L + 2% bwoc Bentonite + 35% bwoc Silica Flour +

0.2% bwoc BA-59 + 70.7% Fresh Water

Displacement

289.7 bbls Drilling Mud @ 9.5 ppg

CEMENT PROPERTIES

	SLURRY NO. 1
Slurry Weight (ppg)	14.40
Slurry Yield (cf/sack)	1.65
Amount of Mix Water (gps)	7.12
Amount of Mix Fluid (gps)	7.13
Estimated Pumping Time - 70 BC (HH:MM)	4:00
COMPRESSIVE STRENGTH	
24 hrs @ 230 ° F (psi)	3000

Operator Name: Miller, Dyer & Well Name:

Flat Rock Generic

Job Description: 2 STG L/S: 5 1/2" CSG x 8.75" O.H. x 12,400"

Date:

September 25, 2007



Proposal No: 179969767A

FLUID SPECIFICATIONS (Continued)

STAGE NO.: 2

Pre-Flush 20.0 bbls 2% KCI Water @ 8.43 ppg Mud Wash 1,000.0 gals Mud Clean I @ 8.4 ppg Spacer 20.0 bbls 2% KCl Water @ 8.43 ppg

VOLUME VOLUME

FLUID CU-FT FACTOR AMOUNT AND TYPE OF CEMENT 2nd Lead Slurry 2121 = 674 sacks Premium Lite II Cement + 3 lbs/sack / 3.1 CSE + 0.3% bwoc R-3 + 3% bwow Potassium Chloride + 10% bwoc Bentonite + 0.2% bwoc Sodium Metasilicate + 183.6% Fresh Water 2nd Tail Slurry 129 = 100 sacks (50:50) Poz (Flv Ash):Class G Cement + 1 1.2 0.05% bwoc Static Free + 0.1% bwoc R-3 + 3% bwow Potassium Chloride + 0.9% bwoc FL-25 + 1 gals/100 sack FP-6L + 2% bwoc Bentonite + 0.2% bwoc Sodium Metasilicate + 0.2% bwoc BA-59 + 57.3% Fresh Water

Displacement

232.5 bbls 2% KCl Water @ 8.43 ppg

CEMENT PROPERTIES

	SLURRY NO. 1	SLURRY NO. 2
Slurry Weight (ppg)	11.20	14.20
Slurry Yield (cf/sack)	3.15	1.29
Amount of Mix Water (gps)	19.16	5.77
Amount of Mix Fluid (gps)	19.16	5.78
Estimated Pumping Time - 70 BC (HH:MM)	5:00	4:30
COMPRESSIVE STRENGTH		
24 hrs @ 200 ° F (psi)		1800

THICKENING TEST TIMES ARE ESTIMATES. SLURRIES ARE SUBJECT TO CHANGE BASED ON TEST RESULTS FROM THE REGION LABORATORY.

SLURRY VOLUMES ARE ESTIMATED AND ARE SUBJECT TO CHANGE BASED ON CALIPER LOG MEASUREMENTS.

PLEASE DOCUMENT HOW LONG WELL HAS BEEN CIRCULATED PRIOR TO CEMENTING AND INCLUDE ANY OTHER IMPORTANT ISSUES ON THE CEMENT REPORT.



CONDITIONS

BJ Services' performance of services and sale of materials is expressly conditioned upon the applicability of the Terms and Conditions contained in the current BJ Services Price Book. The Terms and Conditions include, among other things, an indemnity in favor of BJ Services from Customer for damage to the well bore, reservoir damage, loss of the hole, blowouts and loss of control of the well, even if caused by the negligence or other fault of BJ Services. The Terms and Conditions also limit the warranties provided by the BJ Services and the remedies to which Customer may be entitled in the event of a breach of warranty by BJ Services. For these reasons, we strongly recommend that you carefully review a copy of the Terms and Conditions. If you do not have a copy of the BJ Services Price Book, you can view the Terms and Conditions on BJ Services Web Site, www.bjservices.com. By requesting that BJ Services perform the services described herein, Customer acknowledges that such Terms and Conditions are applicable to the services. Further, by requesting the services, Customer warrants that its representative on the well location or other service site will be fully authorized to acknowledge such Terms and Conditions by executing a Field Receipt or other document presented by BJ Services containing such Terms and Conditions.

In the event that Customer and BJ Services have executed a Master Services Agreement covering the work to be performed, such Master Services Agreement shall govern in place of the Terms and Conditions. If you are interested in entering into Master Services Agreement with BJ Services, please contact us through the "Go BJ" button on the BJ Services Web Site.

Operator: Date:

Miller, Dyer & Co. Well Name: Flat Rock Generic September 25, 2007



Proposal No: 179969767A

PRODUCT DESCRIPTIONS

BA-59

A free flowing powder which provides improved bonding and minimizes gas migration. Provides expansion properties and zero free water to cement slurries.

Bentonite

Commonly called gel, it is a clay material used as a cement extender and to control excessive free water.

CSE

Compressive Strength Enhancer - Fumed Silica. An additive which contributes to low density, high compressive

strength development of cement slurries at all temperature ranges. This material also controls free water

Calcium Chloride

A powdered, flaked or pelletized material used to decrease thickening time and increase the rate of strength development.

Cello Flake

Graded (3/8 to 3/4 inch) cellophane flakes used as a lost circulation material.

Class G Cement

Intended for use as a basic cement from surface to 8000 ft as manufactured, or can be used with accelerators and retarders to cover a wide range of well depths and temperatures.

FL-25

An all purpose salt-tolerant fluid loss additive that provides exceptional fluid loss control across a wide range of temperatures and salinity conditions and remedial cementing applications.

A clear liquid that decreases foaming in slurries during mixing.

Kol Seal

A granular, lightweight material (specific gravity of 1.3) used to control lost circulation in zones of natural and induced fractures, cavities and high permeability.

Mud Clean I

A water-based non-acid solution used as a wash between the drilling mud and cement.

Potassium Chloride

A granular salt used to reduce clay swelling caused by water-base stimulation fluids.

Poz (Fly Ash)

A synthetic pozzolan, (primarily Silicon Dioxide). When blended with cement, Pozzolan can be used to create lightweight cement slurries used as either a filler slurry or a sulfate resistant completion cement.

Premium Lite II Cement

Premium Lite II is a high-yield, cost effective lightweight cement blend that provides exceptional compressive strength and reduced permeability when mixed at low slurry weights. Report Printed on: September 25, 2007 3:21 PM

Operator: Miller, Dyer & Co., Well Name: Flat Rock Generic September 25, 2007



Proposal No: 179969767A

PRODUCT DESCRIPTIONS (Continued)

R-3

A low temperature retarder used in a wide range of slurry formulations to extend the slurry thickening time.

Silica Flour

A very fine (200 mesh) Silica Flour for use in fracturing fluids and acids to help control fluid-loss in small micro fissures of naturally fractured formations. Normal loadings range from 10 to 50 pounds per 1,000 gallons of fluid. It is used in cementing to prevent strength retrogression at high temperatures.

Sodium Metasilicate

An accelerator used to decrease the thickening time of cement slurries.

Static Free

An anti-static additive used to prevent air entrainment due to agglomerated particles. Can be used in Cementing and Fracturing operations to aid in the flow of dry materials.

Well Name: Date:

Operator Name: Miller, Dyer & Co.,LLC Flat Rock Generic September 25, 2007



Proposal No: 179969767A

End of Report

MILLER, DYER & CO. LLC Ute Tribal 9-30-14-20 Section 30, T14S, R20E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14 MILES TO THE JUNCTION OF STATE HIGHWAY 88. EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION ALONG STATE HIGHWAY 88 APPROXIMATELY 17 MILES TO OURAY, UTAH. FROM OURAY. PROCEED IN A SOUTHERLY DIRECTION ALONG THE SEEP RIDGE ROAD (COUNTY B ROAD 2810) APPROXIMATELY 29.4 MILES TO ITS INTERSECTION WITH THE BUCK CANYON ROAD (COUNTY B ROAD 5460). EXIT RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION ALONG COUNTY B ROAD 5460 APPROXIMATELY 3.2 MILES TO WILLOW CREEK. TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION ALONG THE WILLOW CREEK ROAD (COUNTY B ROAD 5120) APPROXIMATELY 2.1 MILES TO ITS INTERSECTION WITH THE AGENCY DRAW ROAD (COUNTY B ROAD 5340). EXIT LEFT AND PROCEED IN A WESTERLY THEN SOUTHWESTERLY DIRECTION ALONG COUNTY B ROAD 5340 APPROXIMATELY 2.5 MILES TO ITS INTERSECTION WITH THE FLAT ROCK ROAD (COUNTY B ROAD 5450). EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION ALONG COUNTY B ROAD 5450 APPROXIMATELY 10.9 MILES TO THE FLAT ROCK MESA ROAD. PROCEED IN A SOUTHWESTERLY DIRECTION ALONG THE FLAT ROCK MESA ROAD APPROXIMATELY 2.8 MILES TO ITS INTERSECTION WITH THE BLACK KNOLLS ROAD. CONTINUE IN A WESTERLY THEN NORTHWESTERLY DIRECTION ALONG THE FLAT ROCK MESA ROAD APPROXIMATELY 2.9 MILES TO THE NORTH FORK OF THE FLAT ROCK MESA ROAD. EXIT RIGHT AND PROCEED IN A NORTHERLY THEN WESTERLY DIRECTION ALONG THE NORTH FORK OF THE FLAT ROCK MESA ROAD APPROXIMATELY 1.2 MILES TO THE PROPOSED ACCESS ROAD. FOLLOW ROAD FLAGS IN A NORTHEASTERLY THEN NORTHWESTERLY DIRECTION APPROXIMATELY 305 FEET TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 86.1 MILES IN A SOUTHERLY DIRECTION.

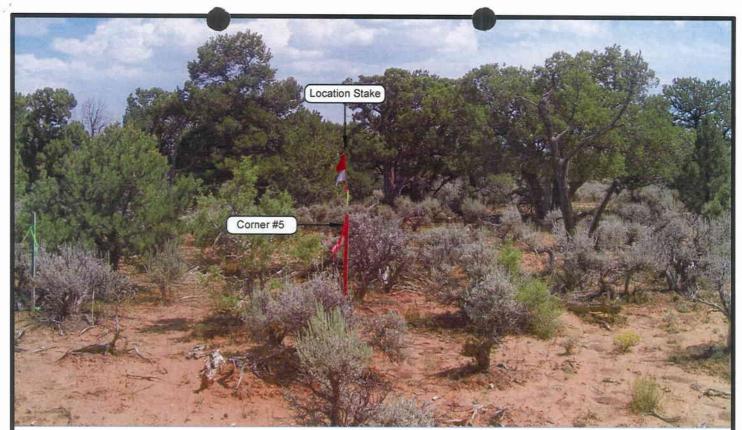


PHOTO VIEW: FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY

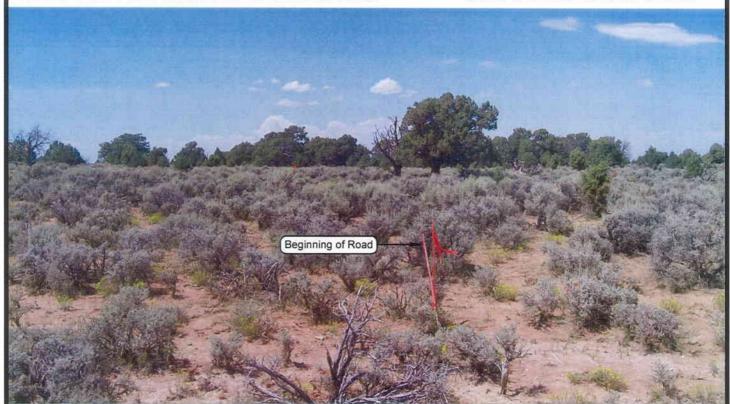


PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: NORTHWESTERLY

MILLER, DYER & CO. LLC

Ute Tribal 9-30-14-20 SECTION 30, T14S, R20E, S.L.B.&M. 2281' FSL & 1058' FEL

IOC	ATION	PHOTO	S
LUC	AIIUN	FIIUIU	D

DATE TAKEN: 08-22-07 DATE DRAWN: 08-28-07

TAKEN BY: B.J.S.

DRAWN BY: M.W.W.

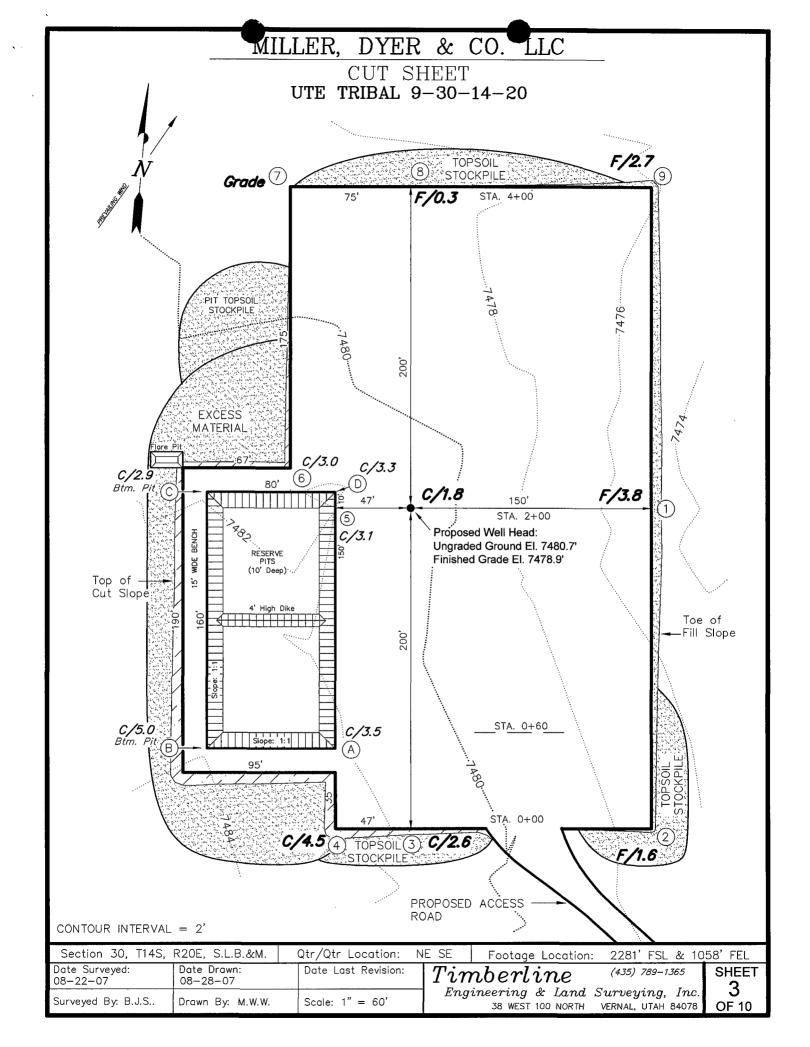
REVISED:

Timberline

38 WEST 100 NORTH

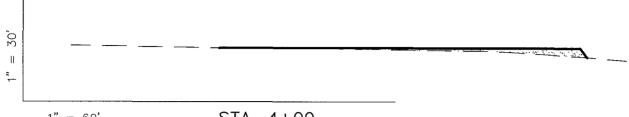
(435) 789-1365 Engineering & Land Surveying, Inc. VERNAL, UTAH 84078

SHEET OF 10



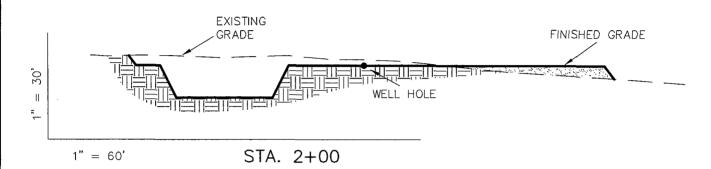
MILLER, DYER & CO. LLC

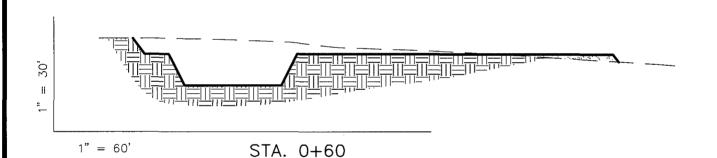
CROSS SECTIONS UTE TRIBAL 9-30-14-20

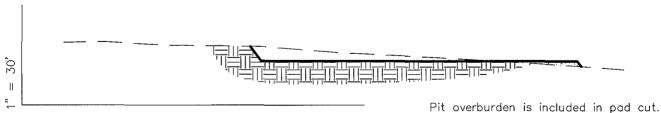




STA. 4+00







1" = 60'

STA. 0+00

REFERENCE POINTS

250' NORTHERLY = 7477.5'

300' NORTHERLY = 7476.5'

200' EASTERLY = 7473.3'

250' EASTERLY = 7471.9'

used)
CESS
0
,850

3,500 Excess Material after Pit Rehabilitation = 0 Cu.

1,880

3,850

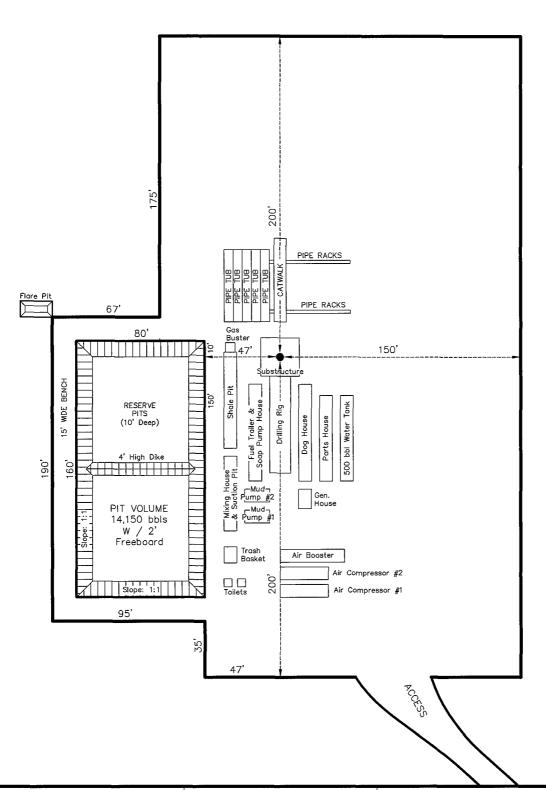
Section 30, T14S,	R20E, S.L.B.&M.	Qtr/Qtr Location:	NE SE	Footage Location	: 2281' FSL & 10	58' FEL
Date Surveyed: 08-22-07	Date Drawn: 08-28-07	Date Last Revision:	Tir	nberline	(435) 789–1365	SHEET
Surveyed By: B.J.S	Drawn By: M.W.W.	Scale: 1" = 60'	$\overline{}$ Eng	ineering & Land 38 WEST 100 NORTH	Surveying, Inc. VERNAL, UTAH 84078	

TOTALS

7,350

MILLER, DYER & CO. LLC

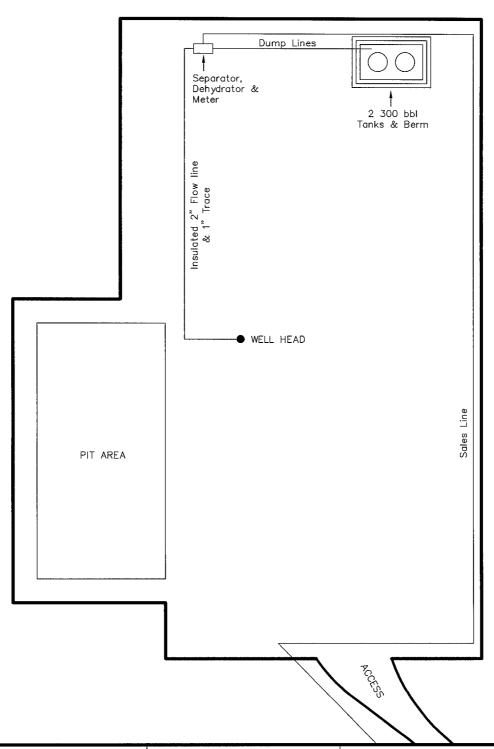
TYPICAL RIG LAYOUT UTE TRIBAL 9-30-14-20



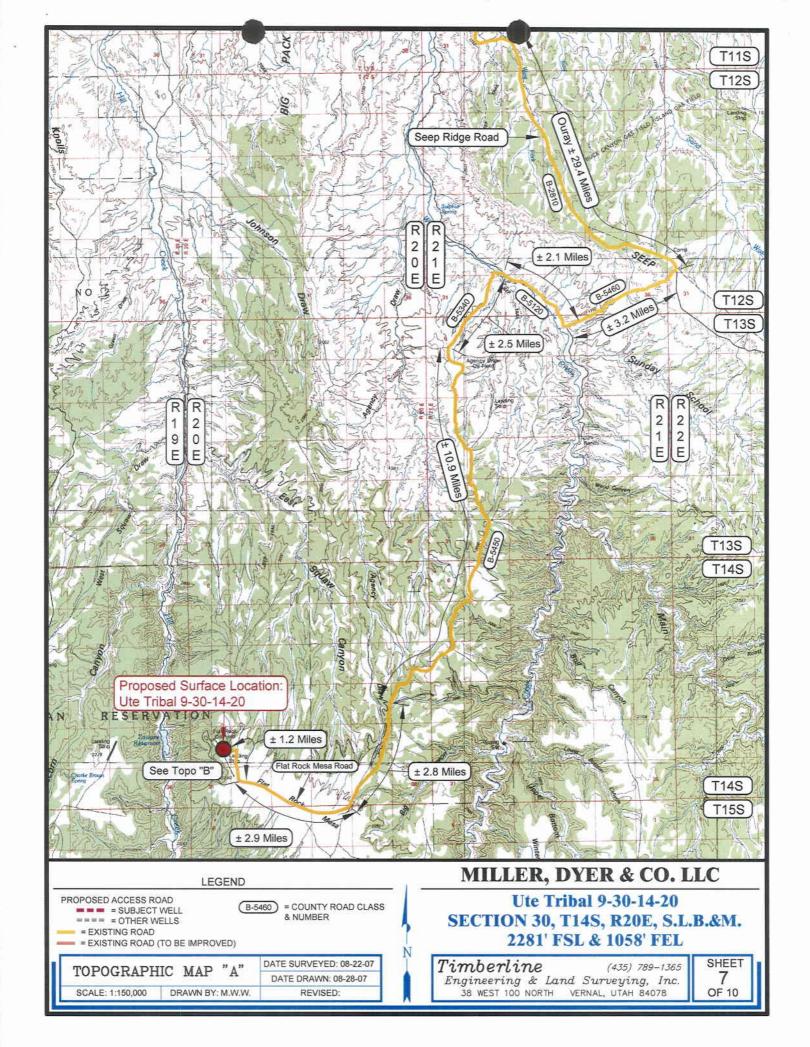
Section 30, T14S,	R20E, S.L.B.&M.	Qtr/Qtr Location:	NE SE Footage Location: 2281' FSL & 1058' FEL
Date Surveyed: 08-22-07	Date Drawn: 08-28-07	Date Last Revision:	Timberline (435) 789-1365 SHEET
Surveyed By: B.J.S	Drawn By: M.W.W.	Scale: 1" = 60'	Engineering & Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078 OF 10

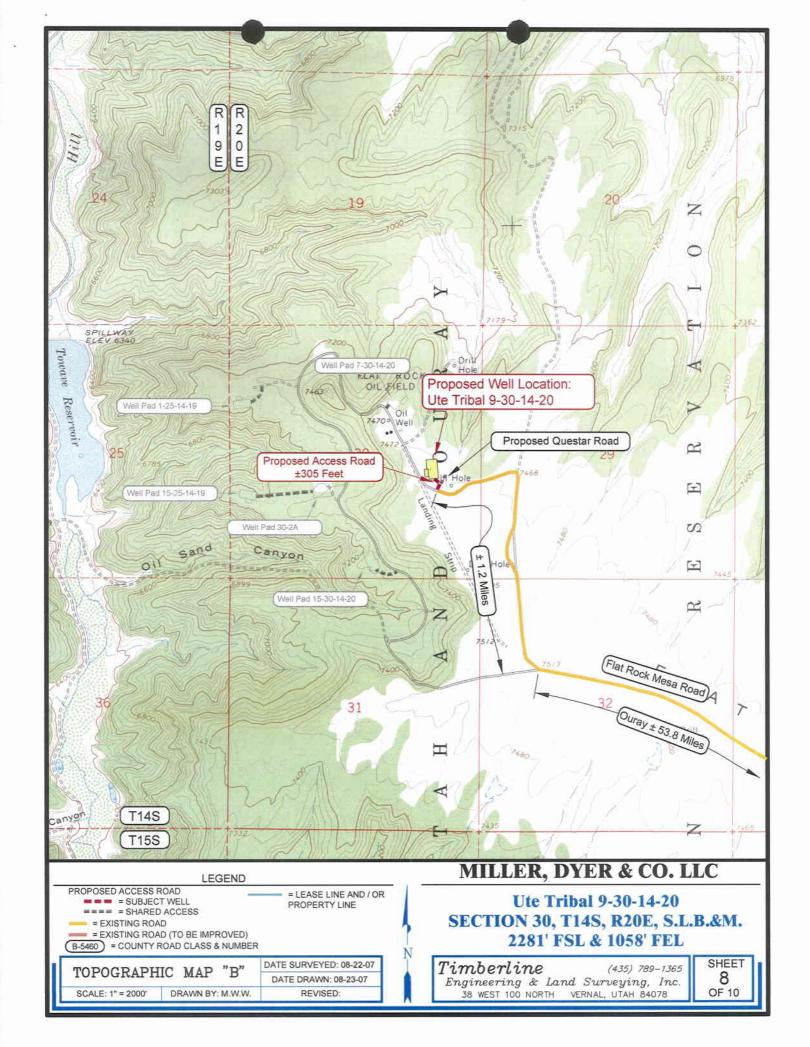
MILLER, DYER & CO. LLC

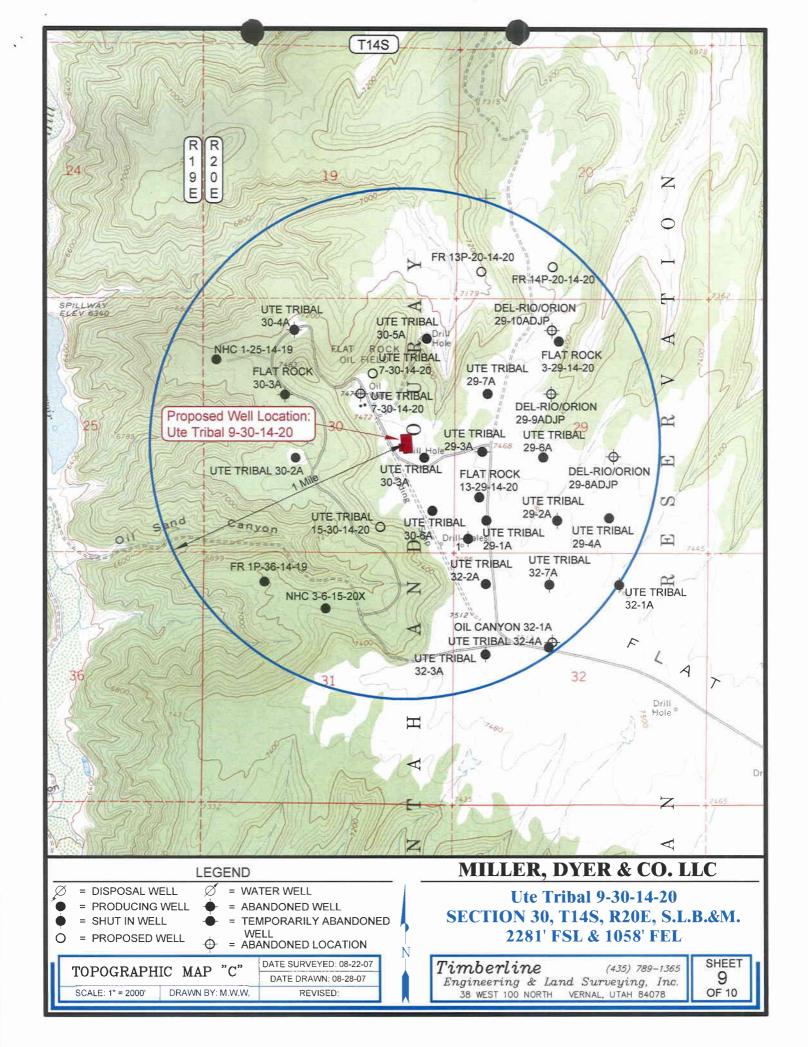
TYPICAL PRODUCTION LAYOUT UTE TRIBAL 9-30-14-20

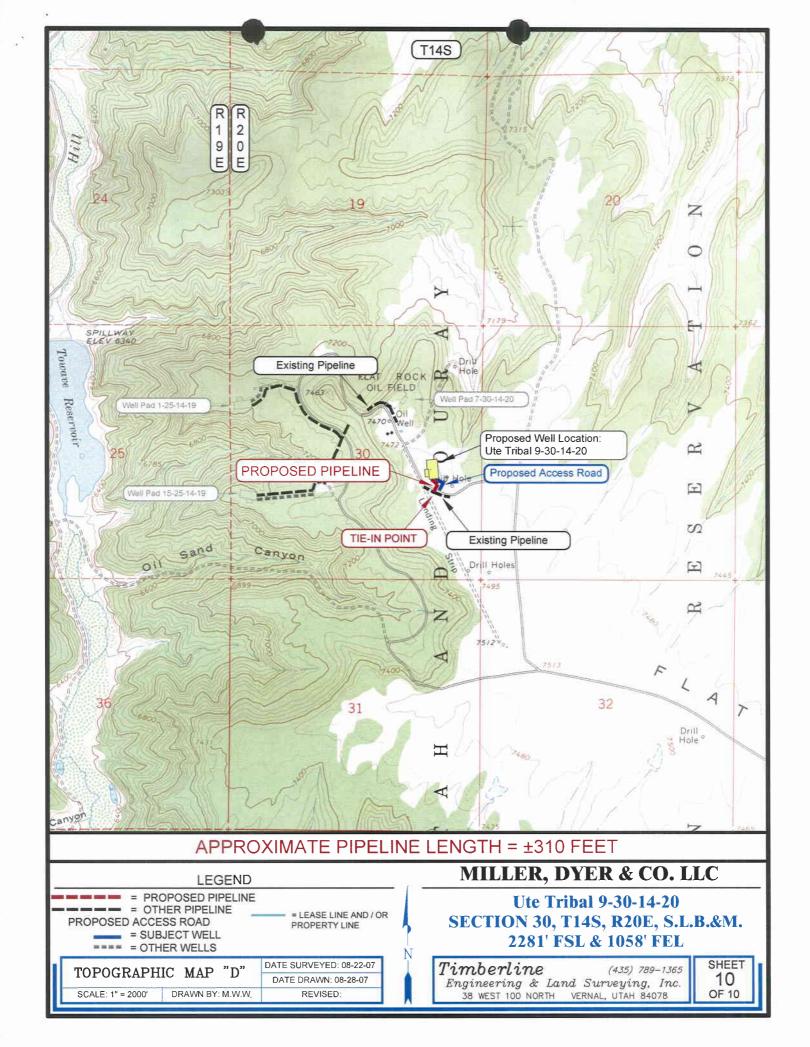


Section 30, T14S,	R20E, S.L.B.&M.	Qtr/Qtr Location:	NE SE	Footage Location:	2281' FSL & 10	58' FEL
Date Surveyed: 08-22-07	Date Drawn: 08-28-07	Date Last Revision:		nberline	(435) 789–1365	SHEET
Surveyed By: B.J.S	Drawn By: M.W.W.	Scale: 1" = 60'	Eng	ineering & Land 38 WEST 100 NORTH	Surveying, Inc. VERNAL, UTAH 84078	





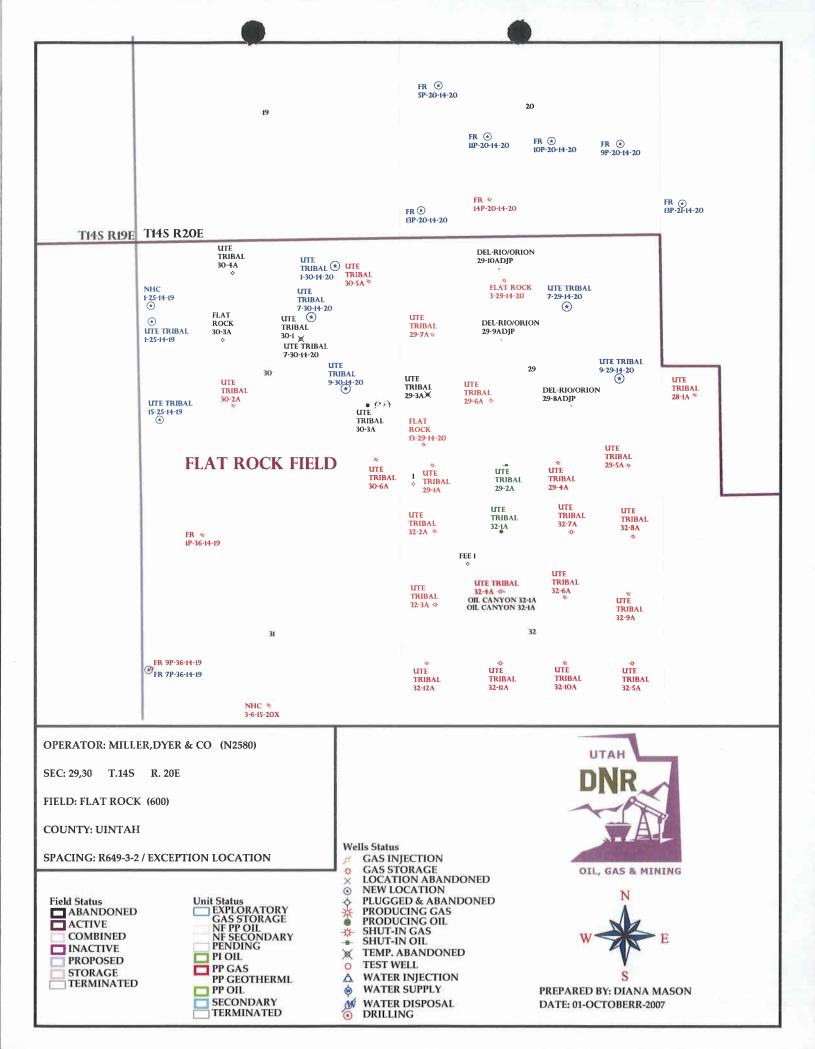




WORKSHEET

APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 09/28/2007	API NO. ASS	GIGNED: 43-047	7-39666
WELL NAME: UTE TRIBAL 9-30-14-20 OPERATOR: MILLER, DYER & CO, LLC (N2580) CONTACT: JEFF LANG	PHONE NUMBER	303-292-094	9
PROPOSED LOCATION:	INSPECT LOCA	TN BY: /	/
NESE 30 140S 200E	Tech Review	1	Date
SURFACE: 2281 FSL 1058 FEL		IIIICIAIS	Date
BOTTOM: 2281 FSL 1058 FEL COUNTY: UINTAH	Engineering		
LATITUDE: 39.56933 LONGITUDE: -109.7144	Geology		
UTM SURF EASTINGS: 610430 NORTHINGS: 43805	39 Surface		
LEASE NUMBER: U-019837 SURFACE OWNER: 2 - Indian RECEIVED AND/OR REVIEWED:	PROPOSED FORM COALBED METHA LOCATION AND SITING	ANE WELL? NO	GT
Plat	R649-2-3. Unit:	Qtr/Qtr & 920' Beption	detween Wells
STIPULATIONS: 1- Sederal Agrantical Strains Strains	rP		





475 Seventeenth Street, Suite 1200 Denver, Colorado 80202 P: 303-292-0949 F: 303-292-3901

October 10, 2007

RECEIVED OCT 1 5 2007

DIV. OF OIL, GAS & MINING

Diana Mason Utah Division of Oil, Gas & Mining P.O. Box 145801 Salt Lake City, UT 84114-5801

RE:

Exception Location to Drill Ute Tribal 9-30-14-20 Section 30, T14S R20E UTU-019837 Uintah County, Utah

Dear Ms Mason:

Miller, Dyer & Co. LLC, as Operator, is proposing to drill and has made application with the Division of Oil, Gas and Mining ("DOGM") for a permit to drill the following well:

Ute Tribal 9-30-14-20

Location: 2281' FSL, 1058' FEL, (NESE) Section 30, T14S R20E, Uintah County, Utah

Lease: UTU-019837; Record Title Owner - Chicago Energy Associates, LLC

Designated Operator: Miller, Dyer & C

Miller, Dyer & Co. LLC (Designation on file with DOGM & SITLA)

Pursuant to Rule R649-3-3, Miller, Dyer & Co. LLC is making application and seeking DOGM's administrative authority to grant an exception to the locating and siting requirements for this well.

The Flat Rock #9-30-14-20 well is approximately 198' West and 101' North of the 200' drilling tolerance from the center of the 40-acre drilling unit designated as the NESE of Section 30. The present location of this well as surveyed and staked allows optimal access to the Entrada Formation as observed by our seismic survey.

Chicago Energy Associates, LLC is the owner within a 460-foot radius of the proposed well location and is the owner of the directly and diagonally offsetting drilling units being crowded by the proposed well location.

Miller-Dyer and Chicago Energy Associates, LLC respectfully requests an administrative approval by the division of an exception location for the well referenced above.

Yours truly, MILLER_D

Jeffrey H. Lang

Vice President of Operations

DYER & CO. LLC

From:

Brad Hill

To:

Mason, Diana

Date:

10/15/2007 10:47 AM

Subject:

Fwd: RE: Lease owners consent

Put a copy of the e-mail in the file and call it good enough.

>>> Diana Mason 10/15/2007 10:45 AM >>> Is this ok?

>>> "Jeff Lang" < <u>ieff@millerdyer.com</u> > 10/15/2007 10:42 AM >>> Diana,

Essentially, we are Chicago Energy Associates. We are the designated manager of their properties.

Let me know if you need more.

Thanks,

Jeff

----Original Message-----

From: Diana Mason [mailto:dianawhitney@utah.gov]

Sent: Monday, October 15, 2007 10:36 AM

To: Jeff Lang

Subject: Lease owners consent

Jeff,

I received your exception location letters and it say's that Chicago Energy Associates, LLC is the owner within a 460' radius. Do you have their consent?

Diana





MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

October 15, 2007

Miller, Dyer & Co. LLC 475 17th St., Suite 1200 Denver, CO 80202

Re:

Ute Tribal 9-30-14-20 Well, 2281' FSL, 1058' FEL, NE SE, Sec. 30, T. 14 South,

R. 20 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-39666.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc:

Uintah County Assessor

Bureau of Land Management, Vernal Office



Operator:	Miller, Dyer & Co. LLC					
Well Name & Number Ute Tribal 9-30-14-20						
API Number:	43-047-	39666				
Lease:	U-0198	37				
Location: <u>NE SE</u>	Sec. 30	T. 14 South	R. 20 East			

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the division within 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING				
1. DJJ				
2 CDW				

- Change of Operator (Well Sold)			Operator Name Change/Merger				
The operator of the well(s) listed below has changed, effective:			6/1/2008				
FROM: (Old Operator):			TO: (New O	perator):			
N2580-Miller, Dyer & Co, LLC			N2680-Whiting	g Oil & Gas	Company		
475 17th St, Suite 1200	475 17th St, Suite 1200		1700 B	Broadway, S	uite 2300		
Denver, CO 80202			Denver	r, CO 80290)		
			l				
Phone: 1 (303) 292-0949			Phone: 1 (303)	837-1661			
CA No.			Unit:				
WELL NAME	SEC TWN	RNG	API NO		LEASE TYPE		WELL
				NO		TYPE	STATUS
SEE ATTACHED LIST			1			<u> </u>	<u> </u>
OPERATOR CHANGES DOCUMENT	ATION						
Enter date after each listed item is completed	ALIUN						
1. (R649-8-10) Sundry or legal documentation wa	s received f	rom the	FORMER one	erator on:	6/5/2008		
2. (R649-8-10) Sundry or legal documentation was			-		6/5/2008	-	
 The new company was checked on the Depart. 			-			-	7/16/2008
		miner Ct	Business Numb	-	5890476-0143		
4a. Is the new operator registered in the State of U			- Dusmess Numt -	JCI.	30304/0-0143	-	
4b. If NO , the operator was contacted contacted of			DEOLEGEE	# /1 C/0000			
5a. (R649-9-2)Waste Management Plan has been re			REQUESTED	- //16/2008 -			
5b. Inspections of LA PA state/fee well sites comp			done	_			
5c. Reports current for Production/Disposition & S			ok	-			
6. Federal and Indian Lease Wells: The BI	M and or th	ie BIA I	has approved the	-	ime change,		
or operator change for all wells listed on Feder	al or Indian	leases o	on:	BLM	not yet	BIA	_ not yet
7. Federal and Indian Units:							
The BLM or BIA has approved the successor					n/a	-	
8. Federal and Indian Communization Ag		•					
The BLM or BIA has approved the operator					n/a	.	
9. Underground Injection Control ("UIC"	-				orm 5, Transfer	_	ority to
Inject, for the enhanced/secondary recovery ur	iit/project fo	or the wa	ater disposal we	ll(s) listed o	on:	n/a	_
DATA ENTRY:							
1. Changes entered in the Oil and Gas Database		~	7/16/2008	-	# 11 C 12 0 0 0		
2. Changes have been entered on the Monthly Op	perator Cha	ange Sp			7/16/2008	-	
3. Bond information entered in RBDMS on:4. Fee/State wells attached to bond in RBDMS or	. .		7/16/2008	-			
4. Fee/State wells attached to bond in RBDMS or5. Injection Projects to new operator in RBDMS			n/a	-			
6. Receipt of Acceptance of Drilling Procedures f		w on:	11/ a	- 7/16/2008			
BOND VERIFICATION:					-		
Federal well(s) covered by Bond Number:			UTB000148				
2. Indian well(s) covered by Bond Number:			RLB0011681	_			
3a. (R649-3-1) The NEW operator of any state/fe	e well(s) lis	ted cov	ered by Bond N	umber	RLB0004585		
3b. The FORMER operator has requested a releas	e of liability	from t	heir bond on:	not yet		-	
LEASE INTEREST OWNER NOTIFIC	-				-		
4. (R649-2-10) The NEW operator of the fee wells		ontacted	d and informed b	y a letter fr	om the Division		
of their responsibility to notify all interest owne				n/a			
COMMENTS:							

STATE OF UTAH

	DEPARTMENT OF NATURAL R				
C	DIVISION OF OIL, GAS AN	ND MINING		5. LEASE DESIGNATION AND See Attached List	SERIAL NUMBER:
SUNDRY	NOTICES AND REPO	ORTS ON WEL	LS	6. IF INDIAN, ALLOTTEE OR	TRIBE NAME:
Do not use this form for proposals to drill ne	w wells, significantly deepen existing wells erals. Use APPLICATION FOR PERMIT To	below current bottom-hole de O DRILL form for such propos	oth, reenter plugged wells, or to als.	7. UNIT or CA AGREEMENT N	NAME:
1. TYPE OF WELL OIL WELL		THER		8. WELL NAME and NUMBER See Attached List	
2. NAME OF OPERATOR:				9. API NUMBER:	
Whiting Oil And Gas Comp	pany N2680		PHONE NUMBER:	10. FIELD AND POOL, OR W	II DCAT
ADDRESS OF OPERATOR: 1700 Broadway, Ste 2300 CITY	, Denver STATE C	O _{ZIP} 80290	(303) 837-1661	IO. FIELD AND FOCE, OK W	EBOAT.
4. LOCATION OF WELL				COUNTY:	
FOOTAGES AT SURFACE:				COUNTY.	
QTR/QTR, SECTION, TOWNSHIP, RANC	€, MERIDIAN:			STATE:	н
11. CHECK APPR	ROPRIATE BOXES TO IN	DICATE NATURE	OF NOTICE, REPO	ORT, OR OTHER DA	TA
TYPE OF SUBMISSION			TYPE OF ACTION		DESIT SORWITON
NOTICE OF INTENT	ACIDIZE ALTER CASING	DEEPEN FRACTUR	E TREAT	REPERFORATE CUI	
(Submit in Duplicate) Approximate date work will start:	CASING REPAIR	=	STRUCTION	TEMPORARILY ABA	
	CHANGE TO PREVIOUS PLANS	☑ OPERATO	R CHANGE	TUBING REPAIR	
	CHANGE TUBING	PLUG ANI	D ABANDON	VENT OR FLARE	
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BAG		WATER DISPOSAL	
Date of work completion:	CHANGE WELL STATUS		FION (START/RESUME)	WATER SHUT-OFF	
	COMMINGLE PRODUCING FORM	=	ATION OF WELL SITE LETE - DIFFERENT FORMATION	OTHER:	
12. DESCRIBE PROPOSED OR CO	<u> </u>	show all pertinent details i	including dates, depths, volum	mes, etc.	
Effective 6/1/2008, please Whiting Oil and Gas Corpo See attached well list.	change the Operator of re	ecord from Miller, I	Oyer & Co., LLC to V Utah BLM Bond #U	Vhiting Oil and Gas C	Corporation.
Whiting Oil and Gas Corp		BIA	RLBOOK	1681	
1700 Broadway, Suite 230		Offic	,00000,	, 40,	
Denver, CO 80290 (303) 837-1661					an amount of the Mr. Sept. 1984.
				REC	CEIVED
Miller, Dyer & Co., LLC 475 17th Street, Suite 120 Denver, CO 80202	00 N 2580			JUN	0 5 2008
Miller, Dyer & Co., LLC				DIV. OF OII	L, GAS & MINING
	FFREY H. LA	• •	UP C	PERATIONS	
NAME (PLEASE PRINT)	7		, ,		
SIGNATURE	1		DATE _ 6/3/08	3	
Whiting Oil and Gas Corp	poration	CONTROL OF THE STREET OF THE S			
NAME (PLEASE PRINT) RIC	k Ross		TITLE UP OF	SMT10US	
SIGNATURE LUCK	-		DATE 6/3/08	3	
	APPROVED_7	116/2008			
(This space for State use only)	En laur P				
	CURLENCE AUS Division of Oil, Gas and Fortone Bussell, Engineer				
1	Earlene Russell, Enginee	and reculician			

well name	sec	twp	rng	api	entity	lease	well	stat 2	flag
UTE TRIBAL 32-5A	32	140S	200E	4304710577	12655		GW	S	1145
UTE TRIBAL 30-3A	30	140S	200E	4304710913		Federal		P	
UTE TRIBAL 30-5A	30	140S	200E	4304720502		Federal		S	
UTE TRIBAL 30-2A	30	140S	200E	4304730641		Federal	<u> </u>	P	
UTE TRIBAL 29-1A	29	140S	200E	4304730981	,	Federal		P	
UTE TRIBAL 32-1A	32	140S	200E	4304732758	12064			P	
UTE TRIBAL 29-2A	29	140S	200E	4304732945		Federal		P	-
UTE TRIBAL 32-2A	32	140S	200E	4304733333	12658		GW	P	
UTE TRIBAL 32-3A	32	140S	200E	4304733334	12657		GW	S	
UTE TRIBAL 32-4A	32	140S	200E	4304733335	12656			P	
UTE TRIBAL 32-6A	32	140S	200E	4304733337	12662		1	P	
CHIMNEY ROCK 32-11	32	130S	210E	4304733445	12984		GW	S	
CHIMNEY ROCK 32-13	32	130S	210E	4304733447	12985			P	
CHIMNEY ROCK 32-14	32	130S	210E	4304733448	12983			P	
UTE TRIBAL 32-8A	32	140S	200E	4304733557	13066			P	
UTE TRIBAL 32-12A	32	140S	200E	4304733558	13064			P	
UTE TRIBAL 28-1A	28	140S	200E	4304733595		Federal	GW	S	
UTE TRIBAL 30-6A	30	140S	200E	4304733596		Federal	GW	P	
UTE TRIBAL 29-4A	29	140S	200E	4304733616	<u> </u>	Federal	GW	P	
UTE TRIBAL 29-5A	29	140S	200E	4304733617		Federal		P	
UTE TRIBAL 32-7A	32	140S	200E	4304733618	13065	State	GW	S	
UTE TRIBAL 32-9A	32	140S	200E	4304733619	13067	State	GW	P	
UTE TRIBAL 32-10A	32	140S	200E	4304733620	13054		GW	P	
UTE TRIBAL 32-11A	32	140S	200E	4304733621	13058		GW	S	
UTE TRIBAL 32-16A	32	140S	200E	4304734098	13449		1	P	
UTE TRIBAL 29-6A	29	140S	200E	4304734102	13443	Federal	GW	P	
UTE TRIBAL 29-7A	29	140S	200E	4304734103	13444	Federal	GW	P	
UTE TRIBAL 10-2-15-20	02	150S	200E	4304735625	14167	State	GW	P	
FLAT ROCK 13-29-14-20	29	140S	200E	4304736778	15065	Federal	GW	P	
FLAT ROCK 3-29-14-20	29	140S	200E	4304736795	15099	Federal	GW	P	
UTE TRIBAL 6-16-14-20	16	140S	200E	4304738506	16320	State	GW	P	
UTE TRIBAL 15-25-14-19	30	140S	200E	4304739052	16169	Indian	GW	P	C
UTE TRIBAL 1-25-14-19	30	140S	200E	4304739053		Indian	GW	APD	
UTE TRIBAL 1-30-14-20	30	140S	200E	4304739665		Federal	GW	APD	
UTE TRIBAL 9-30-14-20	30	140S	200E	4304739666		Federal	GW	APD	
UTE TRIBAL 7-30-14-20	30	140S	200E	4304739667		Federal	GW	APD	
UTE TRIBAL 7-29-14-20	29	140S	200E	4304739668		Federal	GW	APD	
UTE TRIBAL 9-29-14-20	29	140S	200E	4304739669		Federal	GW	APD	
UTE TRIBAL 12-28-14-20	28	140S	200E	4304739736		Federal	GW	APD	
UTE TRIBAL 1-29-14-20	29	140S	200E	4304739737		Federal	GW	APD	
UTE TRIBAL 15-29-14-20	29	140S	200E	4304739738		Federal	GW	APD	
UTE TRIBAL 3-30-14-20	30	140S	200E	4304739739		Federal	GW	APD	
UTE TRIBAL 11-30-14-20	30	140S	200E	4304739740		Federal	GW	APD	
UTE TRIBAL 3-32-14-20	32	140S	200E	4304739741		State	GW	APD	
UTE TRIBAL 15-30-14-20	30	140S	200E	4304739942		Federal	GW	APD	

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

Request to Transfer Application or Permit to Drill

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name:	UTE TRIBAL 9-30-14-20
API number:	4304739666
Location:	Qtr-Qtr: NESE Section: 30 Township: 14S Range: 20E
Company that filed original application:	MILLER, DYER & CO., LLC
Date original permit was issued:	10/15/2007
Company that permit was issued to:	MILLER, DYER & CO., LLC

Check one	Desired Action:
140,00	
	Transfer pending (unapproved) Application for Permit to Drill to new operator
	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
✓	Transfer approved Application for Permit to Drill to new operator
	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.	Yes	No
If located on private land, has the ownership changed?		✓
If so, has the surface agreement been updated?		
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?		✓
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?		✓
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?		1
Has the approved source of water for drilling changed?		1
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?		✓
Is bonding still in place, which covers this proposed well? Bond No. RLB0011676	√	

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) Rick Ross	Title VP OPSTATIONS	
Signature Auch M	Date 6/1/08	
Representing (company name) WHITING OIL AND GAS C		
	RECEIVE	

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

JUN 0 2 2008

STATE OF UTAH

ι	5. LEASE DESIGNATION AND SERIAL NUMBER: U-019837		
SUNDRY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe		
Do not use this form for proposals to drill no	ew wells, significantly deepen existing wells below current botton terals. Use APPLICATION FOR PERMIT TO DRILL form for su	m-hole depth, reenter plugged wells, or to	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL		cn proposals.	8. WELL NAME and NUMBER:
2. NAME OF OPERATOR:			Ute Tribal 9-30-14-20 9. API NUMBER:
Whiting Oil & Gas Corpora	tion		4304739666
3. ADDRESS OF OPERATOR: 1700 Broadway, Ste. 2300	, Denver STATE CO ZIP 80290	PHONE NUMBER: (303) 837-1661	10. FIELD AND POOL, OR WILDCAT: Flat Rock
4. LOCATION OF WELL	·	•	
FOOTAGES AT SURFACE: 2,281'	FSL & 1,058' FEL		соинту: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANG	GE, MERIDIAN: NESE 30 14S 20E	S	STATE: UTAH
	ROPRIATE BOXES TO INDICATE NA		RT, OR OTHER DATA
TYPE OF SUBMISSION	ACIDIZE TO D	TYPE OF ACTION DEEPEN	DEDEDEODATE CURRENT FORMATION
NOTICE OF INTENT (Submit in Duplicate)		RACTURE TREAT	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL
Approximate date work will start:		NEW CONSTRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS	DPERATOR CHANGE	TUBING REPAIR
	CHANGE TUBING F	PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL
Date of work completion:	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	WATER SHUT-OFF
		RECLAMATION OF WELL SITE	✓ отнек: Request for Permit Extension
		RECOMPLETE - DIFFERENT FORMATION	
	MPLETED OPERATIONS. Clearly show all pertinent		
	ny (Whiting) has acquired this well fron to Drill (APD) on this well and Whiting i		
ште түрриге ште түргөг		o roquosiing un ememorian	
	Approved by the		
	Utah Division of		
	Oil, Gas and Mining		
	Date: 11-03-95	<u>A</u>	
	- RIDAW	V	
	By:		
NAME (DI EASE DRINT) Terri L. Ha	nrtle	Office Administra	etor
NAME (PLEASE PRINT) TETT L. Ha	Ahla 11		4.01
SIGNATURE WYW	Allartle	10/31/2008	
This space for State use only)			
		F	RECEIVED
COPY	SENT TO OPERATOR		NOV 6-2-2009

(5/2000)

Date: 1.6.2008
Initials: VS

NOV 0 3 2008

DIV. OF OIL, GAS & MINING



Application for Permit to Drill Request for Permit Extension Validation

Validation
(this form should accompany the Sundry Notice requesting permit extension)

API:	43-047-39666	
Well Name:	Ute Tribal 9-30-14-2	20
Location:	Sec. 30 14S 20E	
Company Per	mit Issued to:	Miller, Dyer & Co. LLC
Date Original	Permit Issued:	10/2/2007
		15
The undersign	ed as owner with	legal rights to drill on the property as permitted
		information as submitted in the previously
		mains valid and does not require revision.
		•
Following is a	checklist of some	e items related to the application, which should be
verified.		
If located on pr	rivate land, has t	he ownership changed, if so, has the surface
agreement bed	en updated? Yes	□No□
Have any wells	s been drilled in t	he vicinity of the proposed well which would affect
the spacing or	siting requireme	nts for this location? Yes⊟No☑
Has there been	n any unit or othe	er agreements put in place that could affect the
permitting or o	peration of this p	roposed well? Yes□No☑
		to the access route including ownership, or right-
of-way, which	could affect the p	proposed location? Yes □ No ☑
Has the appro	ved source of wa	ter for drilling changed? Yes□No☑
11		
		changes to the surface location or access route
•		plans from what was discussed at the onsite
evaluation? Ye	÷s∟Nol∡i	
f = 1 = 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -		(1.1
is bonding still	in place, which o	covers this proposed well? Yes ☑ No ☐
1.	LICITA	
ierri	Chartle	10/31/2007
Signature		 Date
oigillatar o		Batto
Title: Office Ad	lministrator	
		
Representing:	Whiting Oil & Gas	s Corporation
<u> </u>	g Om	<u> </u>

	STATE OF UTAH	D.C.F.C.			FORM 9
	DEPARTMENT OF NATURAL RESOURDIVISION OF OIL, GAS, AND M		3	5.LEA 9	se designation and serial number: 337
	RY NOTICES AND REPORT			6. IF I	NDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deep ugged wells, or to drill horizontal laterals			7.UNI	T or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well					LL NAME and NUMBER: FRIBAL 9-30-14-20
2. NAME OF OPERATOR: WHITING OIL & GAS CORPOR	ATION				NUMBER: 7396660000
3. ADDRESS OF OPERATOR: 1700 Broadway, Suite 2300,	Denver, CO, 80290 2300		HONE NUMBER: 390-4095 Ext		LD and POOL or WILDCAT: ROCK
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2281 FSL 1058 FEL OTR/OTR, SECTION, TOWNSHI	IP. RANGE. MERIDIAN:			COUNT	AH
, , , , ,	Township: 14.0S Range: 20.0E Meridian	n: S		STATE UTAH	
11. CHE	CK APPROPRIATE BOXES TO INDIC	CATE NA	ATURE OF NOTICE, REPO	RT, OR OT	HER DATA
TYPE OF SUBMISSION			TYPE OF ACTION		
	☐ ACIDIZE		ALTER CASING		CASING REPAIR
NOTICE OF INTENT Approximate date work will start: 10/29/2009	CHANGE TO PREVIOUS PLANS		CHANGE TUBING		CHANGE WELL NAME
	CHANGE WELL STATUS	_	COMMINGLE PRODUCING FORMATIO	ons L	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN		FRACTURE TREAT		NEW CONSTRUCTION
	OPERATOR CHANGE		PLUG AND ABANDON RECLAMATION OF WELL SITE		PLUG BACK
SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME ☐ REPERFORATE CURRENT FORMATION		SIDETRACK TO REPAIR WELL		RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON
Date of Spud.	TUBING REPAIR	_	VENT OR FLARE		WATER DISPOSAL
DRILLING REPORT	WATER SHUTOFF	_	SI TA STATUS EXTENSION	<u></u>	APD EXTENSION
Report Date:	WILDCAT WELL DETERMINATION		OTHER		HER:
12 DESCRIPE PROPOSED OF SO					'
	OMPLETED OPERATIONS. Clearly show all I Orporation is requesting an e			to	
	ning of BIA/tribal scheduling				Approved by the
					Utah Division of il, Gas and Mining
					n, ous and rinning
				Date:	October 29, 2009
				Bu &	2002c1/VV
				Бу: _ <u>\lambda</u>	ma Charl
NAME (PLEASE PRINT) Terri Hartle	PHONE NUMB 435 896-5501	ER	TITLE Admin/Regulatory (Wester	n Land Serv	ices)
SIGNATURE N/A			DATE 10/29/2009		



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047396660000

API: 43047396660000

Well Name: UTE TRIBAL 9-30-14-20

Location: 2281 FSL 1058 FEL QTR NESE SEC 30 TWNP 140S RNG 200E MER S

Company Permit Issued to: WHITING OIL & GAS CORPORATION

Date Original Permit Issued: 10/15/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

ii e i evis	ision. Following is a checklist of some items rela	iteu to the a	ppiication,	Willell Silould be V	eiiiieu.
	cated on private land, has the ownership change ted? 🕡 Yes 📵 No	d, if so, has t	the surfac	e agreement been	
	any wells been drilled in the vicinity of the prop grequirements for this location? 🔘 Yes 📵 N		hich woul	d affect the spacing	or
	there been any unit or other agreements put in pris proposed well? 🕡 Yes 📵 No	place that co	uld affect	the permitting or o	peration
	there been any changes to the access route incl t the proposed location? (Yes (No	luding owne	rship, or r	ightof- way, which	could
• Has th	the approved source of water for drilling change	d? 🜘 Yes	No		
	there been any physical changes to the surface ge in plans from what was discussed at the onsi				e a
• Is bon	ending still in place, which covers this proposed v	well? 🃵 Y		Approved by the Utah Division of Oil, Gas and Min	f
nature:	Terri Hartle	Date: 10/2	29/2009		
Title:	Admin/Regulatory (Western Land Services) Repres	entina: WHI	TINGDate	GAS OCKOLOGE 27021	009

Sign



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining JOHN R. BAZA Division Director

December 28, 2010

Whiting Oil & Gas Corporation 1700 Broadway, Ste. 2300 Denver, CO 80290

Re:

APD Rescinded – Ute Tribal 9-30-14-20, Sec. 30 T. 14S, R. 20E

Uintah County, Utah API No. 43-047-39666

Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on October 15, 2007. On November 3, 2008 and October 29, 2009 the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective December 28, 2010.

A new APD must be filed with this office for approval <u>prior</u> to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Masor

Environmental Scientist

cc:

Well File

Bureau of Land Management, Vernal





United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Green River District
Vernal Field Office
170 South 500 East
Vernal, UT 84078
http://www.blm.gov/ut/st/en/fo/vernal.html



MAR 16 2015

IN REPLY REFER TO: 3160 (UTG011)

Scott Webb Whiting Petroleum Corporation 1700 Broadway, Suite 2300 Denver, CO 80290

RECEIVED

APR 02 2015

Dear Mr. Webb:

DIV. OF OIL, GAS & MINING

The following Applications for Permit to Drill (APD) are being returned unapproved per your request to this office in an email message to Supervisory Land Law Examiner Jeanne Newman received on March 11, 2015. If you intend to drill at any of these locations at a future date, a new APD must be submitted.

43-1747

Lease	Well	Aliquot	Sec., T., R.	Date Rec'd
UTU-019837	Ute Tribal 7-30-14-20 3966	SWNE	Sec. 30, T14S-R20E	10/1/2007
UTU-019837	Ute Tribal 9-30-14-20 39666	NESE	Sec. 30-T14S-R20E	9/28/2007
UTU-10166	Ute Tribal 1-29-14-20 3973	NENE	Sec. 29-T14S-R20E	10/29/2007
UTU-10166	Ute Tribal 7-29-14-20 39668	SWNE	Sec. 29-T14S-R20E	9/28/2007
UTU-10166	Ute Tribal 9-29-14-20 39669	NESE	Sec. 29-T14S-R20E	9/28/2007
UTU-10166	Ute Tribal 15-29-14-20 39738	SWSE	Sec. 29-T14S-R20E	10/29/2007

If you have any questions regarding APD processing, please contact Robin R. Hansen at (435) 781-3428.

Sincerely,

/s/ Jerry Kenczka

Jerry Kenczka Assistant Field Manager Lands & Resource Minerals

Enclosures

cc: UDOGM bcc: Well File